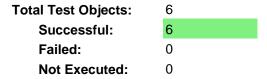
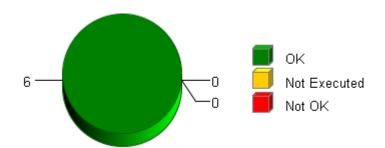


#### **Summary**

## **Overall Test Object Results (including Coverage)**



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### **Selected Project Items**

Test Object "CBD UnitTest/VehDyn/Autocenter f32"

Test Object "CBD UnitTest/VehDyn/VehDyn Init1"

Test Object "CBD\_UnitTest/VehDyn/VehDyn\_Per1"

Test Object "CBD\_UnitTest/VehDyn/VehDyn\_SCom\_ForceCenter"

Test Object "CBD\_UnitTest/VehDyn/VehDyn\_SCom\_ResetCenter"

Test Object "CBD UnitTest/VehDyn/VehDyn Trns1"

#### **Used Test Environments**

TI TMS 570 PLS UDE (Default)

#### **Batch Operation Settings**

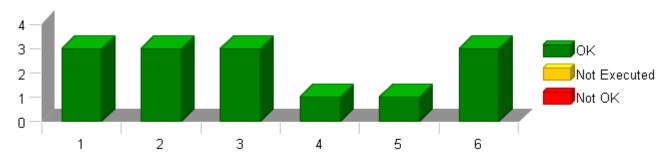
Check Interface: No
Generate Driver: No
Execute Test: Yes
Create New Test Run: No

Instrumentation: Test Object Only

Coverage: Statement Coverage, Branch Coverage, Decision Coverage, Modified Condition /

Decision Coverage, Multiple Condition Coverage

### Test Case Results for Each Test Object (without Coverage)

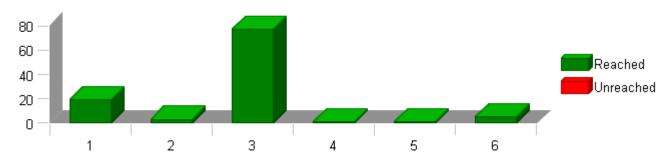


The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results



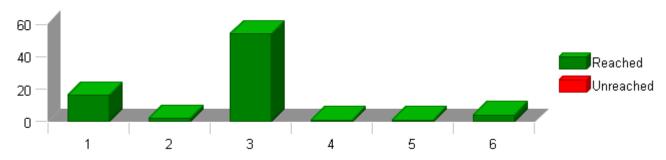
do not take into account any coverage result (i.e. if all test cases of a test object are passed in this table but the coverage is failed, the overall test object result will be failed).

#### Statement (C0) Coverage: Total Statements for Each Test Object



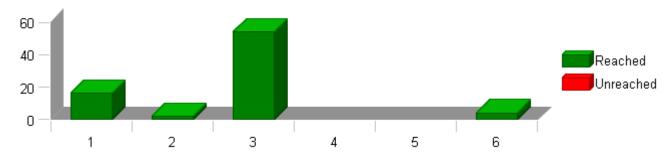
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

### Branch (C1) Coverage: Total Branches for Each Test Object



The table above shows each test object on the x axis and the number of branches of the respective test object on the y axis. Each bar is divided into reached branches (i.e. branches that have been executed during the test) and unreached branches.

## **Decision Coverage: Total Decision Outcomes for Each Test Object**

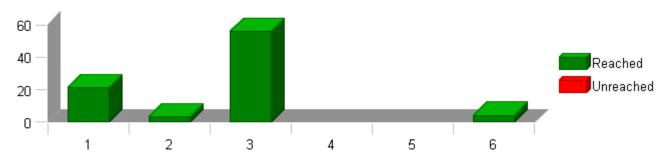


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



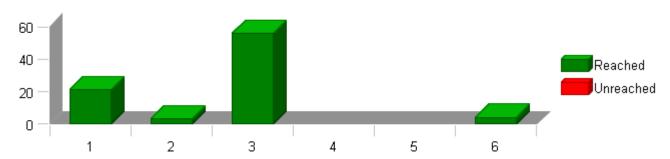
### MC/DC Coverage: Total Condition Combinations for Each Test Object



The table above shows test objects on the x axis and the number of condition combinations of all decisions of the respective test object on the y axis. The number of condition combinations is based on the number of boolean conditions within each decision of the test object. To achieve full MC/DC coverage, each decision requires all contained atomic conditions to evaluate to both true and false independently of all other conditions. The cumulated number of rows within such tables of condition combinations is what is displayed in this table.

Each bar is divided into reached condition combinations (i.e. combinations of boolean condition values that have been executed during the test) and unreached condition combinations.

### MCC Coverage: Total Condition Combinations for Each Test Object



The table above shows test objects on the x axis and the number of condition combinations of all decisions of the respective test object on the y axis. The number of condition combinations is based on the number of boolean conditions within each decision of the test object. To achieve full MCC coverage, each decision requires all contained atomic conditions to evaluate to all possible combinations of true and false values. The cumulated number of rows within such tables of condition combinations is what is displayed in this table.

Each bar is divided into reached condition combinations (i.e. combinations of boolean condition values that have been executed during the test) and unreached condition combinations.

### **TEST OVERVIEW REPORT**

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## **Test Object List**

Project VehDyn

The following table lists all test objects with their test case and coverage results. The cumulated results for modules, folders and test collections are also displayed, the indentation within the name column indicates the parent relationship of the elements.

Please note that only test objects are numbered within the first column. This number is referenced on the x axis within the overview charts for test case and coverage results available on previous pages (if included into the report).

No.	Name	C0	C1	DC	MC/DC	MCC	Test Cases Result
	VehDyn	100 %	100 %	100 %	100 %	100 %	14 of 14 passed
	CBD_UnitTest	100 %	100 %	100 %	100 %	100 %	14 of 14 passed
	VehDyn	100 %	100 %	100 %	100 %	100 %	14 of 14 passed
1	Autocenter f32	100 %	100 %	100 %	100 %	100 %	3 of 3 passed
2	VehDyn_Init1	100 %	100 %	100 %	100 %	100 %	3 of 3 passed
3	VehDyn_Per1	100 %	100 %	100 %	100 %	100 %	3 of 3 passed
4	VehDyn SCom ForceCenter	100 %	100 %	-	-	-	1 of 1 passed
5	VehDyn SCom ResetCenter	100 %	100 %	-	-	-	1 of 1 passed
6	VehDyn_Trns1	100 %	100 %	100 %	100 %	100 %	3 of 3 passed

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VehDyn\_Trns1



Project	VehDyn
Module	VehDyn
Test Object	VehDyn_Trns1

### Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
<b>Decision Coverage</b>	100 %
Branch (C1) Coverage	100 %
MCC Coverage	100 %
MC/DC Coverage	100 %

#### **Statistics**

Total Testcases	3
Successful	3
Failed	0
Not Executed	0

### **Module Properties**

Project Root Directory	D:\Synergy_Work_Area\VehDyn			
Configuration File	D:\Synergy_Work_Area\VehDyn\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml			
Target Environment	TI TMS 570 PLS UDE (Default)			
Kind of Test	Unit Test			
Linker Options				
Source File(s)				
File	\$(PROJECTROOT)\src\Ap_VehDyn.c			
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\\utp\contract -I\$(PROJECTROOT)\utp\contract\Ap_VehDyn -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include			

ame	Text
odule 'VehDyn'	**************************************
	Name of Tester:Spoorti Mali
	Code File(s) Under Test:Ap_VehDyn.c
	Code File(s) Version:8
	Module Design Document:VehDyn_MDD.docx
	Module Design Document Version:9
	Data Dictionary Version:10 Unit Test Plan Version:6
	Optimization Level:Level 2
	Compiler (CodeGen) Version:TMS470 4.9.5
	Model Type:Excel Macro
	Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32
	Total FLASH Used (Bytes):2278
	Total RAM Used (Bytes):201
	Total CALS Used (Bytes):115
	Special Test Requirements:
	Test Date:09-15-2015 Comments:"NOTE1: Inline function defined in ""GlobalMacro.h"" are not unit tested.
	Comments. NOTE 1. Infine function desired in Globalisation are not unit tested.  NOTE2: "CBD Sandbox dbq.map" map file is embedded for reference."

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(InitObjDir)\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	\$(ProgramFiles)\pls
Time Unit	Cycles
Timer Enabled	false

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VehDyn\_Trns1



Attributes	
Name	Value
Timer Prescale	0
Timer Resolution	
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\VehDyn\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



#### Test Case 1: Metrics Test

Specification

Performance Metrics: (With "None" Instrumentation and "WithPS" Environment)

TS1.1 588.00 Cycles Shortest Execution Path TS1.2 590.00 Cycles Longest Execution Path

Description Vector Description:

 $TS 1.1Shortest \ Execution \ Path=>(HandWheelAuth\_Uls\_T\_f32>=k\_SLPMinHwAuthToStoreHwPos\_Uls\_f32)=TRUE \\ TS 1.2Longest \ Execution \ Path=>(HandWheelAuth\_Uls\_T\_f32>=k\_SLPMinHwAuthToStoreHwPos\_Uls\_f32)=FALSE \\ TS 1.2Longest \ Execution \ Path=>(HandWheelAuth\_Uls\_T\_f32)=FALSE \\ TS 1.2Longest \ Path=>(HandWheelAuth\_Uls\_T\_f32)=FALSE \\$ 

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0.291999996		
k_SysKinRatio_MtrDegpHwDeg_f32	71.3000031		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_H	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	target_VehDyn_Trns1_MechMtrPos1_Rev_f32		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	778.25		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0		
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	1		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	0	0	~
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0	0	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte Call Ap VehDyn NVM VehDynReset Srv WriteBlock	1	Rte Call Ap VehDyn NVM VehDynReset Srv WriteBlock	1	~

Test Step 1.2 (Repeat Count = 1)			✓	
Name	Input Value			
Rte_Inst_Ap_VehDyn	Ap_VehDyn target_Rte_Inst_Ap_VehDyn_2			
k_SLPMinHwAuthToStoreHwPos_UIs_f32	1			
k_SysKinRatio_MtrDegpHwDeg_f32	100	0		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32 target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2				
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	st_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32 target_VehDyn_Trns1_HwAuth_Uls_f32_2			
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	target_VehDyn_Trns1_MechMtrPos1_Rev_f32			
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	pet_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset target_Pim_MotPosReset			
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	1600			
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	1			
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	1			
Name	Actual Value	Expected Value	Result	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1600	1600	~	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	~	



#### **Test Case 2: Boundary Test**

#### Specification

Performance Metrics: (With "None" Instrumentation and "WithPS" Environment)

#### CPU Cycles:

TS2.1 534.00 Cycles
TS2.2 584.00 Cycles
TS2.2 584.00 Cycles
TS2.3 534.00 Cycles
TS2.3 534.00 Cycles
TS2.5 534.00 Cycles
TS2.6 534.00 Cycles
TS2.7 534.00 Cycles
TS2.7 534.00 Cycles
TS2.9 534.00 Cycles
TS2.10 534.00 Cycles
TS2.11 534.00 Cycles
TS2.11 534.00 Cycles
TS2.12 534.00 Cycles
TS2.13 580.00 Cycles
TS2.14 534.00 Cycles
TS2.15 534.00 Cycles
TS2.16 580.00 Cycles
TS2.17 580.00 Cycles
TS2.18 580.00 Cycles
TS2.19 580.00 Cycles
TS2.19 580.00 Cycles
TS2.19 580.00 Cycles
TS2.20 534.00 Cycles

#### Description

#### Vector Description:

TS 2.1All Min TS 2.2All Max TS 2.3HandwheelPosition\_HwDeg\_f32 = Min TS 2.4HandwheelPosition\_HwDeg\_f32 = Max TS 2.5HandwheelPosition\_HwDeg\_f32 = Zero TS 2.5HandwheelPosition\_HwDeg\_f32 = Zero
TS 2.6HandwheelPosition\_HwDeg\_f32 = Pos
TS 2.7HandwheelPosition\_HwDeg\_f32 = Neg
TS 2.8HwAuth\_Uls\_f32 = Min
TS 2.9HwAuth\_Uls\_f32 = Max
TS 2.10HwAuth\_Uls\_f32 = Pos
TS 2.11k\_SLPMinHwAuthToStoreHwPos\_Uls\_f32 = Min
TS 2.12k\_SLPMinHwAuthToStoreHwPos\_Uls\_f32 = Max
TS 2.13k\_SLPMinHwAuthToStoreHwPos\_Uls\_f32 = Pos
TS 2.14k\_SLPMinHwAuthToStoreHwPos\_Uls\_f32 = Default
TS 2.15MechMtrPos1\_Rev\_f32=Min

TS 2.14K\_SLPMIIIHWAUIT I SIGIEHWPOS\_0IS\_132
TS 2.15MechMtrPos1\_Rev\_f32=Min
TS 2.16MechMtrPos1\_Rev\_f32=Max
TS 2.17k\_SysKinRatio\_MtrDegpHwDeg\_f32=Min
TS 2.18k\_SysKinRatio\_MtrDegpHwDeg\_f32=Max TS 2.19k\_SysKinRatio\_MtrDegpHwDeg\_f32=Pos TS 2.20k\_SysKinRatio\_MtrDegpHwDeg\_f32=Default

Test Step 2.1 (Repeat Count = 1)				
Name	Input Value			
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2			
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0			
k_SysKinRatio_MtrDegpHwDeg_f32	1			
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32 target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2		HwDeg_f32_2		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32 target_VehDyn_Trns1_HwAuth_Uls_f32_2				
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32 target_VehDyn_Trns1_MechMtrPos1_Rev_f32			
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset target_Pim_MotPosReset				
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value -1600				
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0			
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	0			
Name	Actual Value	Expected Value	Result	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-1600	-1600	~	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	~	

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~		



Test Step 2.2 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	1		
k_SysKinRatio_MtrDegpHwDeg_f32	100		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_I	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	target_VehDyn_Trns1_MechMtrPos1_Rev_f32		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	1600		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	1		
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	1		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1600	1600	~
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	•

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~		

Test Step 2.3 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0.112000003		
k_SysKinRatio_MtrDegpHwDeg_f32	100		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_H	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	target_VehDyn_Trns1_MechMtrPos1_Rev_f32		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	-1600		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0.170000002		
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	1		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-1600	-1600	~
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~	

Test Step 2.4 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0.148000002		
k_SysKinRatio_MtrDegpHwDeg_f32	32.4000015		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_h	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	target_VehDyn_Trns1_MechMtrPos1_Rev_f32		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	1600		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0.976800025		
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	0.059999987		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1599.33337	1599.33337	~
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	•

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~	

Test Step 2.5 (Repeat Count = 1)	✓
Name	Input Value
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2

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VehDyn\_Trns1

Name	Input Value		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0.184		
k_SysKinRatio_MtrDegpHwDeg_f32	45.7000008		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_h	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	target_VehDyn_Trns1_MechMtrPos1_Rev_f	32	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	0		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0.966600001		
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	0.109999999		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-0.866520762	-0.866520762	~
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	•

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~	

Test Step 2.6 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0.219999999		
k_SysKinRatio_MtrDegpHwDeg_f32	54.2999992		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	target_VehDyn_Trns1_MechMtrPos1_Rev_f32		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	1458.12		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0.956399977		
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	0.159999996		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1457.0592	1457.0592	~
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1	1	V

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte Call Ap VehDyn NVM VehDynReset Srv WriteBlock	1	Rte Call Ap VehDyn NVM VehDynReset Srv WriteBlock	1	~		

Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0.256000012		
k_SysKinRatio_MtrDegpHwDeg_f32	67.4000015		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	target_VehDyn_Trns1_MechMtrPos1_Rev_t	f32	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	-145.25		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0.946200013		
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	0.209999993		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-146.371658	-146.371658	~
target Pim MotPosReset.NVMStoredLastPosValid Cnt lgc	1	1	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~

Test Step 2.8 (Repeat Count = 1)	✓
Name	Input Value
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_SLPMinHwAuthToStoreHwPos_Uls_f32	0.291999996
k_SysKinRatio_MtrDegpHwDeg_f32	71.3000031
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2

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Name	Input Value		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	target_VehDyn_Trns1_MechMtrPos1_Rev	_f32	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	778.25		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0		
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	0.25999999		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	0	0	~
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0	0	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~

Test Step 2.9 (Repeat Count = 1)			
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0.328000009		
k_SysKinRatio_MtrDegpHwDeg_f32	78.5999985		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_I	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	target_VehDyn_Trns1_MechMtrPos1_Rev_f	32	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	-887.200012		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	1		
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	0.310000002		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-888.619873	-888.619873	~
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~	

Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0.363999993		
k_SysKinRatio_MtrDegpHwDeg_f32	80.1999969		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_h	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	target_VehDyn_Trns1_MechMtrPos1_Rev_f	32	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	989.140015		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0.915600002		
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	0.360000014		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	987.524048	987.524048	-
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1	1	

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~	

Test Step 2.11 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	83.5999985
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	target_VehDyn_Trns1_MechMtrPos1_Rev_f32
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset

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Name	Input Value		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	-1014.15399		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0.905399978		
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	0.409999996		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-1015.91956	-1015.91956	✓
tarret Dire Mather Deset NVMOtored II asther Valid Oct Inc	4	4	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~

Test Step 2.12 (Repeat Count = 1)			~
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	1		
k_SysKinRatio_MtrDegpHwDeg_f32	88.5999985		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_I	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	target_VehDyn_Trns1_MechMtrPos1_Rev_f	32	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	-245.100006		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0.895200014		
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	0.460000008		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	0	0	~
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~

Test Step 2.13 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0.472000003		
k_SysKinRatio_MtrDegpHwDeg_f32	90.1999969		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_I	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	target_VehDyn_Trns1_MechMtrPos1_Rev_f32		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	893.23999		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0.88499999		
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	0.50999999		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	895.195618	895.195679	~
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	~

Test Step Call Trace					V
4	Actual Function	Count	Expected Function	Count	Result
1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	•



Test Step 2.14 (Repeat Count = 1)			
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0.100000001		
k_SysKinRatio_MtrDegpHwDeg_f32	78.5999985		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_I	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	target_VehDyn_Trns1_MechMtrPos1_Rev_f32		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	-887.200012		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	1		
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	0.310000002		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-888.619873	-888.619873	~
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	~

Test Step 2.15 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_Uls_f32	0.344999999		
k_SysKinRatio_MtrDegpHwDeg_f32	93.4000015		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	target VehDyn Trns1 MechMtrPos1 Rev f32		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	389.399994		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0.776000023		
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	0		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	389.399994	389.399994	~
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	-

Test Step 2.16 (Repeat Count = 1)			
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_Uls_f32	0.467000008		
k_SysKinRatio_MtrDegpHwDeg_f32	95.4000015		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_I	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	target_VehDyn_Trns1_MechMtrPos1_Rev_f	32	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	-876.5		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0.563000023		
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	1		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-876.5	-876.5	~
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	•

Test Step 2.17 (Repeat Count = 1)			~
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0.233999997		
k_SysKinRatio_MtrDegpHwDeg_f32	1		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_I	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	target_VehDyn_Trns1_MechMtrPos1_Rev_f32		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	290.600006		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0.344999999		
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	0.69999988		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	398.600006	398.600006	~
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	~



Test Step 2.18 (Repeat Count = 1)			
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0.123000003		
k_SysKinRatio_MtrDegpHwDeg_f32	100		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_I	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	target_VehDyn_Trns1_MechMtrPos1_Rev_f	32	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	391.700012		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0.234999999		
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	0.800000012		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	392.420013	392.420013	~
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	~

Test Step 2.19 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_Uls_f32	0.112000003		
k_SysKinRatio_MtrDegpHwDeg_f32	23.7000008		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	target VehDyn Trns1 MechMtrPos1 Rev f32		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	-658.900024		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0.128000006		
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	0.899999976		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-657.381042	-657.381042	~
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	~

Test Step 2.20 (Repeat Count = 1)			
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0.219999999		
k_SysKinRatio_MtrDegpHwDeg_f32	22		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_I	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	target_VehDyn_Trns1_MechMtrPos1_Rev_f32		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	1458.12		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0.956399977		
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	0.159999996		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1455.50183	1455.50183	•
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	~



#### Test Case 3: Path Test

Specification

Performance Metrics: (With "None" Instrumentation and "WithPS" Environment)

CPU Cycles:

TS 3.1 585.00 Cycles TS 3.2 599.00 Cycles TS 3.3 580.00 Cycles

Description Vector Description:

 $TS 3.1(HandWheelAuth\_Uls\_T\_f32 >= k\_SLPMinHwAuthToStoreHwPos\_Uls\_f32) = True \&\& (MechMtrPos1\_Rev\_T\_f32 > D\_HALFREV\_ULS\_F32) = False \\ TS 3.2(MechMtrPos1\_Rev\_T\_f32 > D_HALFREV\_ULS\_F32) = True \\ TS 3.3(HandWheelAuth\_Uls\_T\_f32 >= k\_SLPMinHwAuthToStoreHwPos\_Uls\_f32) = False \\ TS 3.3(HandWheelAuth\_Uls\_T\_f32 > T\_f32 > T\_$ 

Test Step 3.1 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0		
k_SysKinRatio_MtrDegpHwDeg_f32	1		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_I	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	target_VehDyn_Trns1_MechMtrPos1_Rev_f	32	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	-1600		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0		
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	0		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-1600	-1600	~
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte Call Ap VehDvn NVM VehDvnReset Srv WriteBlock	1	Rte Call Ap VehDvn NVM VehDvnReset Srv WriteBlock	1	_

Test Step 3.2 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	1		
k_SysKinRatio_MtrDegpHwDeg_f32	100		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition	n_HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_UIs_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_;	2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	target_VehDyn_Trns1_MechMtrPos1_Re	v_f32	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	1600		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	1		
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	1		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1600	1600	~
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1	1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~

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VehDyn\_Trns1



Test Step 3.3 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0.291999996		
k_SysKinRatio_MtrDegpHwDeg_f32	71.3000031		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_H	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_MechMtrPos1_Rev_f32	target_VehDyn_Trns1_MechMtrPos1_Rev_f	32	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	778.25		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0		
target_VehDyn_Trns1_MechMtrPos1_Rev_f32.value	1		
Name	Actual Value	Expected Value	Result
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 0 0		~	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0	0	~

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VehDyn\_Per1



Project	VehDyn
Module	VehDyn
Test Object	VehDyn_Per1

### Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Decision Coverage	100 %
Branch (C1) Coverage	100 %
MCC Coverage	100 %
MC/DC Coverage	100 %

#### **Statistics**

Total Testcases	3	
Successful	3	<b>~</b>
Failed	0	
Not Executed	0	

### **Module Properties**

Project Root Directory	D:\Synergy_Work_Area\VehDyn
Configuration File	D:\Synergy_Work_Area\VehDyn\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\src\Ap_VehDyn.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\\utp\contract -I\$(PROJECTROOT)\utp\contract\Ap_VehDyn -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Name	Text
Module 'VehDyn'	**************************************
	Name of Tester:Spoorti Mali
	Code File(s) Under Test:Ap_VehDyn.c
	Code File(s) Version:8
	Module Design Document:VehDyn_MDD.docx
	Module Design Document Version:9
	Data Dictionary Version:10 Unit Test Plan Version:6
	Optimization Level:Level 2
	Compiler (CodeGen) Version:TMS470 4.9.5
	Model Type:Excel Macro
	Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32
	Total FLASH Used (Bytes):2278
	Total RAM Used (Bytes):201
	Total CALS Used (Bytes):115
	Special Test Requirements: Test Date: 09-15-2015
	Test Date:09-19-2015
	NOTE2: "CBD Sandbox dbg.map" map file is embedded for reference."

Attributes		
Name	Value	
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5	
Float Precision	9	
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files	
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src	
Linker File	\$(InitObjDir)\sys_link.cmd	
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl	
Target Install Path	\$(ProgramFiles)\pls	
Time Unit	Cycles	
Timer Enabled	false	

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VehDyn\_Per1



Attributes		
Name	Value	
Timer Prescale	0	
Timer Resolution		
UDE Config File	(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg	
Workspace File	D:\Synergy_Work_Area\VehDyn\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP	



#### **Test Case 1: Metric Test**

Specification

Performance Metrics: (With "None" Instrumentation and "WithPS" Environment)

CPU Cycles : TS 1.1 1031.00 Cycles TS 1.2 1480.00 Cycles

Vector Description:

#### Description

 $TS 1.1"Shortest Execution Path: \\ (AbsHwTorque_HwNm_T_f32 < k_HwTqMgnThd_HwNm_f32) = TRUE \&\& (ElapsedTime_mS_T_u32 > k_SrlHwAgVldTiThd_mS_u32) = FALSE \\ (AbsHwTorque_HwNm_T_f32 < k_HwTqMgnThd_HwNm_f32) = TRUE \&\& (ElapsedTime_mS_T_u32 > k_SrlHwAgVldTiThd_mS_u32) = FALSE \\ (AbsHwTorque_HwNm_T_f32 < k_HwTqMgnThd_HwNm_f32) = TRUE \&\& (ElapsedTime_mS_T_u32 > k_SrlHwAgVldTiThd_mS_u32) = FALSE \\ (AbsHwTorque_HwNm_T_f32 < k_HwTqMgnThd_HwNm_f32) = TRUE \&\& (ElapsedTime_mS_T_u32 > k_SrlHwAgVldTiThd_mS_u32) = FALSE \\ (AbsHwTorque_HwNm_T_f32 < k_HwTqMgnThd_HwNm_f32) = TRUE \&\& (ElapsedTime_mS_T_u32 > k_SrlHwAgVldTiThd_mS_u32) = FALSE \\ (AbsHwTorque_HwNm_T_f32 < k_HwTqMgnThd_HwNm_f32) = TRUE \&\& (ElapsedTime_mS_T_u32 > k_SrlHwAgVldTiThd_mS_u32) = FALSE \\ (AbsHwTorque_HwNm_f32) = TRUE \&\& (ElapsedTime_mS_u32 > k_SrlHwAgVldTiThd_mS_u32 >$ 

(AbsHwTorque\_HwNm\_T\_f32 < k\_HwTqMgnThd\_HwNm\_f32)=TRUE && (ElapsedTime\_mS\_T\_u32 > k\_SrlHwAgVldTiThd\_mS\_L && (VehDyn\_AllowHiSpdAutoCntr\_Cnt\_M\_lgc == TRUE) =TRUE }=TRUE && (VehDyn\_HiSpdLearnt\_Cnt\_M\_lgc == FALSE) =FALSE && (VehDyn\_LoSpdLearnt\_Cnt\_M\_lgc == FALSE) && (VehDyn\_LoSpdLearnt\_Cnt\_M\_lgc == TRUE) =FALSE && (VehDyn\_LoSpdLearnt\_Cnt\_M\_lgc == TRUE) =FALSE && (VehDyn\_Initialize\_Cnt\_M\_lgc == FALSE)=TRUE && (VehDyn\_Initialize\_Cnt\_M\_lgc == FALSE)=TRUE && (VehDyn\_Initialize\_Cnt\_M\_lgc == FALSE)=TRUE && ((CwEOTPosition\_HwDeg\_T\_f32))=TRUE/FALSE && ((CcwEOTPosition\_HwDeg\_T\_f32)>=(VehDyn\_MaxOffset\_HwDeg\_M\_f32 + OffsetRelHwPos\_HwDeg\_T\_f32)))=TRUE/FALSE && ((CcwEOTPosition\_HwDeg\_T\_f32))=TRUE/FALSE && ((CcwEOTPosition\_HwDeg\_T\_f32)=TRUE/FALSE && ((CcwEOTPosition\_HwDeg\_T\_f32))=TRUE/FALSE && ((CcwEOTPosition\_HwDeg\_T\_f32)=TRUE/FALSE && ((CcwEOT

TS 1.2"Longest Execution Path:

(AbsHwTorque\_HwNm\_T\_f32 < k\_HwTqMgnThd\_HwNm\_f32)=FALSE && (ElapsedTime\_mS\_T\_u32 > k\_SrlHwAgVldTiThd\_mS\_u32)=TRUE

&& (VehDyn\_AllowHiSpdAutoCntr\_Cnt\_M\_lgc == TRUE) =FALSE && (VehDyn\_HiSpdLearnt\_Cnt\_M\_lgc == FALSE) =FALSE &&

(VehDyn\_AllowHiSpdAutoCntr\_Cnt\_M\_lgc == FALSE) &&

(VehDyn\_AllowHiSpdAutoCntr\_Cnt\_M\_lgc == FALSE) =FALSE &&

(VehDyn\_AllowHiSpdAutoCntr\_Cnt\_M\_lgc == TRUE) =FALSE &&

(VehDyn\_AllowHiSpdAutoCntr\_Cnt\_M\_lgc == TRUE) =FALSE &&

(VehDyn\_AllowHiSpdAutoCntr\_Cnt\_M\_lgc == TRUE) =FALSE &&

(VehDyn\_AutoCntrDetSpd\_M\_str.Filter2Enable\_Cnt\_lgc == TRUE) =FALSE &&

(VehDyn\_Initialize\_Cnt\_M\_lgc == FALSE)=FALSE && ((VehDyn\_MaxOffset\_HwDeg\_M\_f32<=((CwEOTPosition\_HwDeg\_T\_f32 
OffsetRelHwPos\_HwDeg\_T\_f32)))=TRUE/FALSE && ((VehDyn\_MinOffset\_HwDeg\_M\_f32>=((CcwEOTPosition\_HwDeg\_T\_f32 
OffsetRelHwPos\_HwDeg\_T\_f32)))=TRUE/FALSE &&

((CwEOTPosition\_HwDeg\_T\_f32))=TRUE/FALSE &&

((CwEOTPosition\_HwDeg\_T\_f32)<-(VehDyn\_MaxOffset\_HwDeg\_M\_f32+OffsetRelHwPos\_HwDeg\_T\_f32)))=TRUE/FALSE &&

(MaxAbsHwPos\_HwDeg\_T\_f32 < D\_ZERO\_ULS\_F32)=FALSE && (MinAbsHwPos\_HwDeg\_T\_f32 > D\_ZERO\_ULS\_F32)=TRUE

&&((Deadband\_Uls\_T\_f32 > L\_TravelXCDeadband\_Uls\_f32) || (Deadband\_Uls\_T\_f32 < D\_ZERO\_ULS\_F32))=TRUE &&

(VDAuthority\_Uls\_T\_f32 > D\_NOAUTH\_ULS\_F32)=FALSE && (SnsrlessHwAuth\_Uls\_T\_f32 > D\_NOAUTH\_ULS\_F32)=FALSE

&&(SnsrlessHwPos\_HwDeg\_T\_f3)>=1600)=TRUE/FALSE && (SnsrlessHwAuth\_Uls\_T\_f32>=1)=TRUE/FALSE"

Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1.
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	10.1000004
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.0999985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	7.0999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	56.099985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	14442
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000658000004
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-880.02002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000658000004
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	631.5
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	34.5
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.0999999
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	54.2299995
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21364
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52716
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000167299993
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-880.02002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000788000005
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	10.6999998

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			(
Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	52.7000008		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.69999981		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	56.7000008		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442		
VehDyn_AutoCntrl_oSpd_M_str.Timer1_mS_u32	1078320779		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosEilt1SV/_HwDeg_str.SV/_Llls_f32	3174948758 -880.02002		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.66000006e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-880.02002		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000658000004		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1200.5		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	389.126007		
VehDyn_MinOffset_HwDeg_M_f32	-1412.41797		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.5		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000254999992		
VehDyn_SLPHwPos_HwDos_Hw	0.926999986 -1548.10999		
VehDyn_SLPHwPos_HwDeg_M_f32			
VehDyn_SrlHwAgVldTimer_mS_M_u32 k_HiSpdVDAuthority_Uls_f32	1316564736 0.75999999		
k_HwTqMgnThd_HwNm_f32	1		
k_LoSpdVDAuthority_UIs_f32	0.560000002		
k_SrlHwAgVldTiThd_mS_u32	9		
k_SysKinRatio_MtrDegpHwDeg_f32	54.2999992		
k TravelXCDeadband Uls f32	7.01000023		
k_TravelXCHwAuthority_Uls_f32	0.0203000009		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	65		
target_GetSystemTime_mS_u32_CurrentTime	2075080192		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_Elapsed$	Ti 1117112832	1117112832	
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTim$	ne 1316564736	1316564736	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_H		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lge		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f3 target_VehDyn_Per1_TorqueCmdCRF_Mt		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target VehDyn Per1 VehicleSpeed Kph		
target VehDyn Per1 CcwEOT HwDeg f32.value	-1413.10999	102	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	418.868011		
target VehDyn Per1 HwTorque HwNm f32.value	10		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	752.75		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-880.02002		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	1		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	20.1399994		
Name	Actual Value	Expected Value	Resu
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1078320779	1078320779	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758	3174948758	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002	-880.02002 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-880.02002	-880.02002 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2075080192	2075080192	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758	3174948758	
VehDvn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDea str.SV Uls f32	-880.02002	-880.02002 ± 0.0009	•

-880.02002

 $VehDyn\_AutoCntrHiSpd\_M\_str.RelHwPosFilt1SV\_HwDeg\_str.SV\_Uls\_f32$ 

-880.02002 ± 0.0009

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-880.02002	-880.02002 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1078320779	1078320779	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758	3174948758	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002	-880.02002 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-880.02002	-880.02002 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	-
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>~</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	-
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	418.868011	418.868011	~
VehDyn_MinOffset_HwDeg_M_f32	-1413.10999	-1413.10999	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.50220323	1.50220323 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1316564736	1316564736	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	320.47998	320.480011 ± 0.1	~

Test Step Call Trace			<b>✓</b>	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Name	Input Value
DtrmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime
Rte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn
VehDyn AllowHiSpdAutoCntr Cnt M Igc	0
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	200.399994
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	52.4000015
VehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	14.399996
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	63.4000015
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58869
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000961999991
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	159
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	68.3000031
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.7999992
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000761999981
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000515999971
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1

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Name	Input Value		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	412.700012		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	106.699997		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.6999998		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.6999998		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.58000024e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1200.5		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn Initialize Cnt M lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	1172.87		
VehDyn_MinOffset_HwDeg_M_f32	-363.029999		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.5		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000483999989		
VehDyn_SLPHwAuth_Uls_M_f32	0.275999993		
VehDyn_SLPHwPos_HwDeg_M_f32	62.7099991		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1050692864		
k_HiSpdVDAuthority_Uls_f32	0		
k_HwTqMgnThd_HwNm_f32	0.00120000006		
k_LoSpdVDAuthority_Uls_f32	0.899999976		
k_SrlHwAgVldTiThd_mS_u32	112		
k_SysKinRatio_MtrDegpHwDeg_f32	63.3199997		
k_TravelXCDeadband_Uls_f32	3.38000011		
k_TravelXCHwAuthority_Uls_f32	0.212624997		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3304439296		
target_GetSystemTime_mS_u32_CurrentTime	824746752		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3:		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	509_102	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target VehDyn Per1 SrlHwAg HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
0	target veribyli Ferr TorqueCiliqCRF Willin	m f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32		ıt_lgc	
	target_VehDyn_Per1_VehicleSpeedValid_Cr	ıt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeedValid_Cr target_VehDyn_Per1_VehicleSpeed_Kph_f3:	ıt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	target_VehDyn_Per1_VehicleSpeedValid_Cr target_VehDyn_Per1_VehicleSpeed_Kph_f3: -430.290009	ıt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value	target_VehDyn_Per1_VehicleSpeedValid_Cr target_VehDyn_Per1_VehicleSpeed_Kph_f3: -430.290009 1076.80298	ıt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value	target_VehDyn_Per1_VehicleSpeedValid_Cr target_VehDyn_Per1_VehicleSpeed_Kph_f3: -430.290009 1076.80298 -1.11000001	ıt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	target_VehDyn_Per1_VehicleSpeedValid_Cr target_VehDyn_Per1_VehicleSpeed_Kph_f3: -430.290009 1076.80298 -1.11000001	ıt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	target_VehDyn_Per1_VehicleSpeedValid_Cr target_VehDyn_Per1_VehicleSpeed_Kph_f3: -430.290009 1076.80298 -1.11000001 -456 -714.090027	ıt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	target_VehDyn_Per1_VehicleSpeedValid_Cr target_VehDyn_Per1_VehicleSpeed_Kph_f3: -430.290009 1076.80298 -1.11000001 -456 -714.090027 0 -1312.13 -4.5999999	ıt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	target_VehDyn_Per1_VehicleSpeedValid_Cr target_VehDyn_Per1_VehicleSpeed_Kph_f3: -430.290009 1076.80298 -1.11000001 -456 -714.090027 0 -1312.13 -4.5999999	ıt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	target_VehDyn_Per1_VehicleSpeedValid_Cr target_VehDyn_Per1_VehicleSpeed_Kph_f3: -430.290009 1076.80298 -1.11000001 -456 -714.090027 0 -1312.13 -4.5999999	ıt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	target_VehDyn_Per1_VehicleSpeedValid_Cr target_VehDyn_Per1_VehicleSpeed_Kph_f3: -430.290009 1076.80298 -1.11000001 -456 -714.090027 0 -1312.13 -4.5999999 0 230 Actual Value	t_lgc 2 Expected Value	Result
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr target_VehDyn_Per1_VehicleSpeed_Kph_f3: -430.290009 1076.80298 -1.11000001 -456 -714.090027 0 -1312.13 -4.5999999 0 230 Actual Value 0	t_lgc 2  Expected Value 0	~
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	target_VehDyn_Per1_VehicleSpeedValid_Cr target_VehDyn_Per1_VehicleSpeed_Kph_f3: -430.290009 1076.80298 -1.11000001 -456 -714.090027 0 -1312.13 -4.5999999 0 230 Actual Value 0	Expected Value 0 1024	<b>✓</b>
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrQc.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	target_VehDyn_Per1_VehicleSpeedValid_Cr target_VehDyn_Per1_VehicleSpeed_Kph_f3: -430.290009 1076.80298 -1.11000001 -456 -714.090027 0 -1312.13 -4.5999999 0 230 Actual Value 0 1024 54822322	Expected Value 0 1024 54822322	\ \ \
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32	target_VehDyn_Per1_VehicleSpeedValid_Cr target_VehDyn_Per1_VehicleSpeed_Kph_f3: -430.290009 1076.80298 -1.11000001 -456 -714.090027 0 -1312.13 -4.5999999 0 230 Actual Value 0 1024 54822322 -714.090027	Expected Value 0 1024 54822322 -714.090027 ± 0.0009	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	target_VehDyn_Per1_VehicleSpeedValid_Cr target_VehDyn_Per1_VehicleSpeed_Kph_f3: -430.290009 1076.80298 -1.11000001 -456 -714.090027 0 -1312.13 -4.5999999 0 230  Actual Value 0 1024 54822322 -714.090027 -714.090027	Expected Value 0 1024 54822322 -714.090027 ± 0.0009 -714.090027 ± 0.0009	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr target_VehDyn_Per1_VehicleSpeed_Kph_f3: -430.290009 1076.80298 -1.11000001 -456 -714.090027 0 -1312.13 -4.5999999 0 230 Actual Value 0 1024 54822322 -714.090027 -714.090027 0	Expected Value 0 1024 54822322 -714.090027 ± 0.0009 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr target_VehDyn_Per1_VehicleSpeed_Kph_f3: -430.290009 1076.80298 -1.11000001 -456 -714.090027 0 -1312.13 -4.5999999 0 230 Actual Value 0 1024 54822322 -714.090027 -714.090027 0 0	Expected Value 0 1024 54822322 -714.090027 ± 0.0009 0 0	Result
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr target_VehDyn_Per1_VehicleSpeed_Kph_f3: -430.290009 1076.80298 -1.11000001 -456 -714.090027 0 -1312.13 -4.5999999 0 230  Actual Value 0 1024 54822322 -714.090027 -714.090027 0 0 0	Expected Value 0 1024 54822322 -714.090027 ± 0.0009 0 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr target_VehDyn_Per1_VehicleSpeed_Kph_f3: -430.290009 1076.80298 -1.11000001 -456 -714.090027 0 -1312.13 -4.5999999 0 230 Actual Value 0 1024 54822322 -714.090027 -714.090027 0 0	Expected Value 0 1024 54822322 -714.090027 ± 0.0009 0 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

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VehDyn\_Per1



Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322	54822322	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	824746752	824746752	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322	54822322	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	1172.87	1172.87	~
VehDyn_MinOffset_HwDeg_M_f32	283.800018	283.799988	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.49870157	1.49870157 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1050692864	1050692864	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.275999993	0.275999993 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-651.380005	-651.380005 ± 0.1	<b>✓</b>

VehDyn\_Per1

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Test Case 2: Boundary Test

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VehDyn\_Per1



#### Specification

Performance Metrics: (With "None" Instrum Instrumentation and "WithPS" Environment) CPU Cycles:
TS 2.1 1055.00 Cycles
TS 2.2 1052.00 Cycles
TS 2.3 1041.00 Cycles
TS 2.4 1273.00 Cycles
TS 2.5 1034.00 Cycles TS 2.5 1034.00 Cycles TS 2.6 1260.00 Cycles TS 2.7 1040.00 Cycles TS 2.8 1055.00 Cycles TS 2.9 1045.00 Cycles TS 2.10 1250.00 Cycles TS 2.11 1029.00 Cycles TS 2.12 1267.00 Cycles TS 2.12 1267.00 Cycles
TS 2.13 1045.00 Cycles
TS 2.14 1262.00 Cycles
TS 2.15 1033.00 Cycles
TS 2.16 1261.00 Cycles
TS 2.17 1044.00 Cycles TS 2.18 1262.00 Cycles TS 2.19 1051.00 Cycles TS 2.20 1267.00 Cycles TS 2.20 1267.00 Cycles
TS 2.21 1253.00 Cycles
TS 2.22 1253.00 Cycles
TS 2.23 1031.00 Cycles
TS 2.24 1267.00 Cycles
TS 2.25 1057.00 Cycles
TS 2.26 1250.00 Cycles
TS 2.27 1032.00 Cycles
TS 2.28 1267.00 Cycles
TS 2.29 1062.00 Cycles
TS 2.29 1062.00 Cycles
TS 2.29 1062.00 Cycles 2.29 1062.00 Cycles 2.30 1262.00 Cycles 2.31 1044.00 Cycles 2.32 1032.00 Cycles 2.33 1044.00 Cycles 2.34 1044.00 Cycles 2.35 1045.00 Cycles 2.36 1265.00 Cycles TS TS TS TS TS TS TS 2.37 1055.00 Cycles 2.38 1251.00 Cycles 2.39 1253.00 Cycles 2.40 1264.00 Cycles TS TS TS 2.39 1253.00 Cycles TS 2.40 1264.00 Cycles TS 2.41 1063.00 Cycles TS 2.41 1063.00 Cycles TS 2.42 1259.00 Cycles TS 2.43 1048.00 Cycles TS 2.44 1259.00 Cycles TS 2.45 1046.00 Cycles TS 2.46 1054.00 Cycles TS 2.47 1033.00 Cycles TS 2.48 1272.00 Cycles TS 2.49 1049.00 Cycles TS 2.50 1267.00 Cycles TS 2.51 1033.00 Cycles TS 2.52 1251.00 Cycles TS 2.52 1251.00 Cycles TS 2.51 1033.00 Cycles
TS 2.53 1046.00 Cycles
TS 2.53 1046.00 Cycles
TS 2.54 1265.00 Cycles
TS 2.55 1033.00 Cycles
TS 2.55 1033.00 Cycles
TS 2.56 1251.00 Cycles
TS 2.57 1049.00 Cycles
TS 2.58 1270.00 Cycles
TS 2.59 1052.00 Cycles
TS 2.60 1049.00 Cycles
TS 2.61 1063.00 Cycles
TS 2.62 1263.00 Cycles
TS 2.63 1049.00 Cycles
TS 2.64 1253.00 Cycles
TS 2.65 1275.00 Cycles
TS 2.66 1283.00 Cycles
TS 2.67 1036.00 Cycles
TS 2.68 1034.00 Cycles
TS 2.69 1267.00 Cycles
TS 2.70 1048.00 Cycles
TS 2.71 1266.00 Cycles
TS 2.71 1046.00 Cycles
TS 2.71 1046.00 Cycles
TS 2.73 1044.00 Cycles
TS 2.73 1044.00 Cycles
TS 2.73 1044.00 Cycles 2.73 1064.00 Cycles 2.74 1282.00 Cycles 2.75 1032.00 Cycles 2.76 1270.00 Cycles TS TS TS TS TS 2.77 1055.00 Cycles 2.78 1051.00 Cycles 2.79 1282.00 Cycles TS 2.80 1056.00 Cycles TS 2.81 1277.00 Cycles TS 2.82 1266.00 Cycles TS 2.83 1049.00 Cycles 2.84 1264.00 Cycles 2.85 1052.00 Cycles 2.85 1052.00 Cycles 2.86 1048.00 Cycles 2.87 1048.00 Cycles 2.88 1264.00 Cycles TS TS TS TS TS 2.89 1044.00 Cycles 2.90 1033.00 Cycles 2.91 1035.00 Cycles TS 2.92 1249.00 Cycles 2.93 1048.00 Cycles 2.94 1266.00 Cycles 2.95 1033.00 Cycles TS TS TS 2.95 1033.00 Cycles
TS 2.96 1268.00 Cycles
TS 2.97 1050.00 Cycles
TS 2.98 1055.00 Cycles
TS 2.98 1055.00 Cycles
TS 2.99 1051.00 Cycles
TS 2.100 1049.00 Cycles
TS 2.100 1049.00 Cycles
TS 2.101 1046.00 Cycles
TS 2.102 1274.00 Cycles
TS 2.103 1056.00 Cycles
TS 2.104 1249.00 Cycles
TS 2.105 1266.00 Cycles
TS 2.105 1270.00 Cycles
TS 2.106 1270.00 Cycles
TS 2.107 1263.00 Cycles
TS 2.108 1032.00 Cycles
TS 2.109 1281.00 Cycles

VehDyn\_Per1



TS 2.110 1061.00 Cycles TS 2.111 1252.00 Cycles TS 2.112 1043.00 Cvcles 2.113 1265.00 Cycles 1289.00 Cycles TS 2.115 1036.00 Cycles TS 2.116 1248.00 Cycles
TS 2.117 1051.00 Cycles
TS 2.118 1265.00 Cycles
TS 2.119 1030.00 Cycles TS TS TS TS 1249.00 Cycles 1052.00 Cycles 1266.00 Cycles 1032.00 Cycles 2.120 2.121 2.122 2.123 2.124 TS TS TS 1265.00 Cycles 1289.00 Cycles 1269.00 Cycles 2.125 1264.00 Cycles 1251.00 Cycles 1065.00 Cycles 1265.00 Cycles TS TS 2.127 2.128 2.129 2.130 2.131 1049.00 Cycles 1261.00 Cycles 1046.00 Cycles 1280.00 Cycles TS TS TS TS 2.132 2.133 2.134 TS TS TS TS 2.135 2.136 2.137 2.138 1052.00 Cycles 1032.00 Cycles 1252.00 Cycles 1266.00 Cycles 2.138 1266.00 Cycles 2.139 1051.00 Cycles 2.140 1032.00 Cycles 2.141 1252.00 Cycles 2.142 1278.00 Cycles 2.143 1032.00 Cycles 2.144 1265.00 Cycles 2.145 1059.00 Cycles 2.146 1044.00 Cycles 2.147 1265.00 Cycles 2.148 1036.00 Cycles 2.149 1277.00 Cycles 2.149 1277.00 Cycles 2.150 1052.00 Cycles 2.151 1249.00 Cycles TS 2.151 1049.00 Cycles 2.152 1033.00 Cycles 2.153 1049.00 Cycles 2.154 1261.00 Cycles 2.155 1035.00 Cycles TS TS TS TS TS 2.156 2.157 1252.00 Cycles 1049.00 Cycles TS 2.157 1049.00 Cycles TS 2.158 1265.00 Cycles TS 2.159 1035.00 Cycles TS 2.160 1046.00 Cycles TS 2.161 1052.00 Cycles TS 2.161 1052.00 Cycles TS 2.163 1267.00 Cycles TS 2.164 1258.00 Cycles TS 2.166 1268.00 Cycles TS 2.166 837.00 Cycles TS 2.167 1250.00 Cycles \$2.166 837.00 Cycles
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\$2.178 1049.00 Cycles
\$2.179 1266.00 Cycles
\$2.180 1048.00 Cycles
\$2.181 1250.00 Cycles
\$2.181 1250.00 Cycles
\$2.182 1252.00 Cycles
\$2.183 1048.00 Cycles TS 2.183 2.184 2.185 1048.00 Cycles 1031.00 Cycles 1034.00 Cycles 1030.00 Cycles TS TS 2.186 2.187 1050.00 Cycles 1051.00 Cycles 1267.00 Cycles 1258.00 Cycles 1283.00 Cycles 1283.00 Cycles 1250.00 Cycles TS TS 2.189 TS TS TS 2.191 2.192 2.193 2.194 2.195 2.196 2.197 836.00 Cycles 1272.00 Cycles 1037.00 Cycles 1266.00 Cycles TS TS TS TS 2.197 2.198 2.199 2.200 2.201 2.202 1266.00 Cycles 1049.00 Cycles 1264.00 Cycles 1045.00 Cycles 1268.00 Cycles 1272.00 Cycles 1062.00 Cycles TS TS TS TS TS 2.203 1269.00 Cycles 1269.00 Cycles 1045.00 Cycles 1049.00 Cycles 1270.00 Cycles 2.205 TS TS TS 2.206 2.207 2.208 2.209 TS TS 2.210 1266.00 Cycles 2.211 1051.00 Cycles 2.212 1264.00 Cycles TS TS TS TS 2.212 1264.00 Cycles 2.213 1263.00 Cycles 2.214 1061.00 Cycles 2.215 1033.00 Cycles 2.216 1267.00 Cycles 2.217 1037.00 Cycles 2.218 1043.00 Cycles 2.219 1050.00 Cycles 2.220 1248.00 Cycles TS TS 2.218 1043.00 Cycles 2.219 1050.00 Cycles 2.220 1248.00 Cycles 2.221 1048.00 Cycles 2.222 1049.00 Cycles 2.223 1048.00 Cycles TS

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TS 2.224 1062.00 Cycles
TS 2.225 1031.00 Cycles
TS 2.226 1251.00 Cycles
TS 2.226 1251.00 Cycles
TS 2.227 1265.00 Cycles
TS 2.228 1048.00 Cycles
TS 2.228 1048.00 Cycles
TS 2.230 1049.00 Cycles
TS 2.231 1266.00 Cycles
TS 2.232 1062.00 Cycles
TS 2.233 1667.00 Cycles
TS 2.233 1267.00 Cycles
TS 2.233 1267.00 Cycles
TS 2.236 1250.00 Cycles
TS 2.237 836.00 Cycles
TS 2.238 1272.00 Cycles
TS 2.241 1048.00 Cycles
TS 2.242 1048.00 Cycles
TS 2.241 1048.00 Cycles
TS 2.241 1048.00 Cycles
TS 2.242 1048.00 Cycles
TS 2.243 1266.00 Cycles
TS 2.244 1046.00 Cycles
TS 2.245 1260.00 Cycles
TS 2.246 1030.00 Cycles
TS 2.247 1249.00 Cycles
TS 2.248 1263.00 Cycles
TS 2.249 1271.00 Cycles
TS 2.251 1257.00 Cycles
TS 2.255 1050.00 Cycles
TS 2.256 1052.00 Cycles
TS 2.257 1263.00 Cycles
TS 2.258 1058.00 Cycles
TS 2.259 1052.00 Cycles





**Description** Vector Description:

```
TS 2.1All Min
   TS 2.2All Max
   TS 2.3VehicleSpeed_Kph_f32 = Min
TS 2.4VehicleSpeed_Kph_f32 = Max
TS 2.5VehicleSpeed_Kph_f32 = Pos
   TS 2.6HwTorque_HwNm_f32 = Min
TS 2.7HwTorque_HwNm_f32 = Max
TS 2.8HwTorque_HwNm_f32 = Zero
TS 2.8HwTorque_HwNm_f32 = Zero
TS 2.9HwTorque_HwNm_f32 = Pos
TS 2.10HwTorque_HwNm_f32 = Neg
TS 2.11TorqueCmdCRF_MtrNm_f32 = Min
TS 2.12TorqueCmdCRF_MtrNm_f32 = Max
TS 2.13TorqueCmdCRF_MtrNm_f32 = Zero
TS 2.14TorqueCmdCRF_MtrNm_f32 = Pos
TS 2.15TorqueCmdCRF_MtrNm_f32 = Neg
TS 2.16VehicleSpeedValid_Cnt_lgc = Min
TS 2.17VehicleSpeedValid_Cnt_lgc = Min
TS 2.19MotorVelCRF_MtrRadpS_f32 = Min
TS 2.19MotorVelCRF_MtrRadpS_f32 = Max
TS 2.20MotorVelCRF_MtrRadpS_f32 = Zero
TS 2.21MotorVelCRF_MtrRadpS_f32 = Neg
TS 2.22MotorVelCRF_MtrRadpS_f32 = Neg
TS 2.23RelHwPos_HwDeg_f32 = Min
TS 2.24RelHwPos_HwDeg_f32 = Max
TS 2.25RelHwPos_HwDeg_f32 = Zero
  TS 2.25RelHwPos_HwDeg_f32 = Zero
TS 2.25RelHwPos_HwDeg_f32 = Pos
TS 2.27RelHwPos_HwDeg_f32 = Neg
TS 2.28k_SyskinRatio_MtrDegpHwDeg_f32 = Min
 IS 2.28k_SysKinRatio_MtrDegpHwDeg_f32 = Min
TS 2.29k_SysKinRatio_MtrDegpHwDeg_f32 = Max
TS 2.30k_SysKinRatio_MtrDegpHwDeg_f32 = Pos
TS 2.31VehDyn_PinTrqSV_M_Str.SV = Max
TS 2.32VehDyn_PinTrqSV_M_Str.SV = Min
TS 2.33VehDyn_PinTrqSV_M_Str.SV = Max
TS 2.34VehDyn_PinTrqSV_M_Str.SV = Min
TS 2.35VehDyn_PinTrqSV_M_Str.SV = Pos
TS 2.36VehDyn_PinTrqSV_M_Str.SV = Neg
TS 2.37VehDyn_PinTrqSV_M_Str.K = Min
TS 2.38VehDyn_PinTrqSV_M_Str.K = Min
   TS 2.38VehDyn_PinTrqSV_M_Str.K = Max
TS 2.39VehDyn_PinTrqSV_M_Str.K = Mid
TS 2.39VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 = Min
   TS 2.41VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 = Max
TS 2.42VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 = Pos
TS 2.43VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 = Min
   TS 2.44VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 = Max
   TS 2.45VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 = Pos
TS 2.46VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 = Min
TS 2.47VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 = Max
   TS 2.48VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 = Pos
TS 2.49VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32= Min
TS 2.50VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 = Max
   TS 2.51VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 = Pos
TS 2.52VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16= Min
TS 2.53VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 = Max
   TS 2.54VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16= Pos
TS 2.55VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 = Min
TS 2.56VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16= Max
   TS 2.57VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16= Pos
TS 2.58VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV= Min
TS 2.59VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV= Max
   TS 2.60VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 = Max
   TS 2.61VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV= Pos TS 2.62VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV= Neg TS 2.63VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K = Min
   TS 2.64VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K = Max TS 2.65VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K = Mid TS 2.66VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV= Neg
   TS 2.67VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV= Pos
TS 2.68VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV= Zero
TS 2.69VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV = Pos
   TS 2.70VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32= Min
TS 2.71VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K = Min
TS 2.72VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K= Max
   TS 2.73VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K = Mid TS 2.74VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 = Min TS 2.75VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 = Max
   TS 2.76VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 = Pos
TS 2.77VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 = Min
TS 2.78VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 = Max
 TS 2.78VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 = Max
TS 2.79VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 = Mid
TS 2.80VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32= Mijn
TS 2.81VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32= Max
TS 2.82VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32= Pos
TS 2.83VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32= Min
TS 2.84VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32= Max
TS 2.85VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 = Max
TS 2.85VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 = Min
TS 2.87VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 = Max
TS 2.88VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 = Max
TS 2.88VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 = Max
TS 2.88VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 = Max
TS 2.88VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 = Min
TS 2.84 Min TS 2.84 Min TS 2.84 Min TS 2.84 Min TS 2.84 Min TS 2.84 Min TS 2.84 Min TS 2.84 Min TS 2.84 Min TS 2.84 Min TS 2.84 Min TS 2.84 Min TS 2.84 Min T
   TS 2.89VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32= Min
TS 2.90VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32= Max
TS 2.91VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32= Pos
    TS 2.92VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 = Min
   TS 2.93VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 = Max TS 2.94VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 = Pos
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TS 2.95VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16= Min
 TS 2.96VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16= Max
TS 2.97VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16= Pos
 TS 2.98VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV = Min
 TS 2.99VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV = Max TS 2.100VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 = Max TS 2.101VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV = Pos
 TS 2.102VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV= Neg
TS 2.103VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K = Min
TS 2.104VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K = Max
TS 2.105VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K= Max
TS 2.106VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV = Min
TS 2.106VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV = Min
TS 2.107VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV = Max
TS 2.108VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV = Zero
TS 2.109VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV = Pos
TS 2.110VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV = Neg
 TS 2.111VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K= Min
TS 2.112VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K= Max
TS 2.113VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K= Mid
   TS 2.114VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 = Min
 TS 2.115VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 = Max
TS 2.116VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 = Pos
TS 2.117VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 = Min
 TS 2.118VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 = Max
TS 2.119VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 = Pos
TS 2.120VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 = Min
 TS 2.121VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 = Max
TS 2.122VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 = Pos
TS 2.123VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 = Min
IS 2.123VenDyn_AutoCntrDetSpd_M_str.VenSpd_kph_f32 = Min
TS 2.124VehDyn_AutoCntrDetSpd_M_str.VenSpd_kph_f32 = Max
TS 2.125VehDyn_AutoCntrDetSpd_M_str.VenSpd_kph_f32 = Pos
TS 2.126VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32= Min
TS 2.127VenDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32= Max
TS 2.128VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 = Pos
TS 2.129VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 = Min
TS 2.130VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 = Max
 TS 2.131VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 = Pos
TS 2.132VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 = Min
TS 2.133VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16= Max
 TS 2.134VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 = Pos
TS 2.135VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 = Min
TS 2.136VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 = Max
 TS 2.137VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 = Mid
TS 2.138VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV = Min
TS 2.139VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV = Max
  TS 2.140VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV = Zero
TS 2.141VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV = 2eto TS 2.141VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV = Pos TS 2.142VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV = Neg TS 2.143VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K = Min TS 2.144VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K = Min TS 2.145VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K = Mid TS 2.146VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV = Min TS 2.146VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV = Min TS 2.146VehDyn_AutoCntrDetSpd_M_str.ReiHwDeg_str.SV = Min TS 2.146VehDyn_Str.SV = Min TS 2.146VehDyn_AutoCntrDetSpd_M_str.ReiHwDeg_str.SV = Min TS 2.146VehDyn_Str.SV = Min TS 2.146VehDyn_Str.SV = Min TS
 TS 2.147VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV = Max
TS 2.148VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV= Zero
TS 2.149VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV = Pos
 TS 2.150VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV = Neg
TS 2.151VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K = Min
TS 2.152VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K = Max
 TS 2.153VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K = Mid TS 2.154VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32= Min TS 2.155VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 = Max
 TS 2.156VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 = Pos
 TS 2.157VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32= Min
TS 2.158VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 = Max
TS 2.159VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 = Pos
TS 2.169k_HiSpdVDAuthority_Uls_f32 = Min
TS 2.161k_HiSpdVDAuthority_Uls_f32= Max
TS 2.162k_HiSpdVDAuthority_Uls_f32= Pos
TS 2.163k_LoSpdVDAuthority_Uls_f32= Min
TS 2.164k_LoSpdVDAuthority_Uls_f32= Min
TS 2.165k_LoSpdVDAuthority_Uls_f32= Max
 TS 2.166VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc= Min
TS 2.167VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc = Max
TS 2.168VehDyn_LoSpdLearnt_Cnt_M_lgc= Min
TS 2.169VehDyn_LoSpdLearnt_Cnt_M_lgc = Mlax
TS 2.169VehDyn_LoSpdLearnt_Cnt_M_lgc = Max
TS 2.170VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc = Min
TS 2.171VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc = Mlax
TS 2.172VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc = Mlax
TS 2.173VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc = Mlax
TS 2.174VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc = Mlax
TS 2.174VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc=Min
TS 2.175VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc=Max
TS 2.176VehDyn_HiSpdLearnt_Cnt_M_lgc = Min
TS 2.176VehDyn_HiSpdLearnt_Cnt_M_lgc = Max
TS 2.176VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc=Min
TS 2.178VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc=Min
TS 2.180VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc=Min
TS 2.181VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc=Min
TS 2.183VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc=Min
TS 2.183VehDyn_AutoCntrDetSpd_M_str.Filter1Inable_Cnt_lgc=Min
TS 2.184VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc=Min
TS 2.185VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc=Min
TS 2.185VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc=Min
TS 2.185VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc=Min
 TS 2.185VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc=Max
TS 2.186VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc=Min
TS 2.187VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc=Max
  TS 2.188VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc=Min
 TS 2.189VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc=Max TS 2.190VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc=Min
```

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```
TS 2.191VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc=Max
   TS 2.192VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc=Min
TS 2.193VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc=Max
IS 2.193VehDyn_AutoCntrHiSpd_M_Str.Filter2Initialized_Cnt_Igc=Mix
TS 2.195VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc=Mix
TS 2.195VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc=Mix
TS 2.196CwEOT_HwDeg_f32 = Min
TS 2.197CwEOT_HwDeg_f32 = Max
TS 2.198 CwEOT_HwDeg_f32 = Mix
TS 2.199 CcwEOT_HwDeg_f32 = Mix
TS 2.201CcwEOT_HwDeg_f32 = Mix
TS 2.201CcwEOT_HwDeg_f32 = Mix
TS 2.201CcwEOT_HwDeg_f32 = Mix
TS 2.202VehDyn_Initialize_Cnt_M_Igc = Mix
TS 2.203VehDyn_Initialize_Cnt_M_Igc = Mix
TS 2.205VehDyn_MaxOffset_HwDeg_M_f32 = Mix
TS 2.205VehDyn_MaxOffset_HwDeg_M_f32 = Mix
TS 2.205VehDyn_MinOffset_HwDeg_M_f32 = Mix
TS 2.209VehDyn_MinOffset_HwDeg_M_f32 = Mix
TS 2.209VehDyn_MinOffset_HwDeg_M_f32 = Mix
TS 2.209VehDyn_MinOffset_HwDeg_M_f32 = Max
TS 2.210k_TraveIXCDeadband_Uls_f32 = Mix
TS 2.211k_TraveIXCDeadband_Uls_f32 = Mix
TS 2.213k_TraveIXCDeadband_Uls_f32 = Default
TS 2.214k_TraveIXCDeadband_Uls_f32 = Default
TS 2.214k_TraveIXCDeadband_Uls_f32 = Default
TS 2.214k_TraveIXCDeadband_Uls_f32 = Default
TS 2.214k_TraveIXCHwAUthority_Uls_f32 = Mix
   TS 2.194VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc=Min
  TS 2.214k_TravelXCHeadoranG_US_132 = Default
TS 2.214k_TravelXCHwAuthority_UIS_f32 = Min
TS 2.215k_TravelXCHwAuthority_UIS_f32 = Max
TS 2.216k_TravelXCHwAuthority_UIS_f32 = Pos/ Default
TS 2.217VehDyn_SLPHwPos_HwDeg_M_f32 = Min
TS 2.218VehDyn_SLPHwPos_HwDeg_M_f32 = Max
TS 2.219VehDyn_SLPHwPos_HwDeg_M_f32 = Zero
 IS 2.219VehDyn_SLPHWPos_HwDeg_M_T32 = Zero
TS 2.220VehDyn_SLPHwPos_HwDeg_M_T32 = Pos
TS 2.221VehDyn_SLPHwPos_HwDeg_M_T32 = Neg
TS 2.222VehDyn_SLPHwAuth_Uls_M_T32 = Min
TS 2.223VehDyn_SLPHwAuth_Uls_M_T32 = Max
TS 2.224VehDyn_SLPHwAuth_Uls_M_T32 = Pos
TS 2.225VehDyn_ForceCenterOffset_HwDeg_M_T32=Neg
TS 2.226VehDyn_ForceCenterOffset_HwDeg_M_T32=Neg
  TS 2.227VehDyn_ForceCenterOffset_HwDeg_M_132=neg
TS 2.227VehDyn_ForceCenterOffset_HwDeg_M_f32=zero
TS 2.228VehDyn_ForceCenterOffset_HwDeg_M_f32=Pos
TS 2.230VehDyn_ForceCenterOffset_HwDeg_M_f32=Max
TS 2.230VehDyn_ForceCenterEnabled_Cnt_M_lgc=Min
TS 2.231VehDyn_ForceCenterEnabled_Cnt_M_lgc=Max
TS 2.232SrlHwAgVId_Cnt_lgc=Min
   TS 2.233SrlHwAgVld_Cnt_lgc=Max
TS 2.234SrlHwAg_HwDeg_f32=Min
TS 2.235SrlHwAg_HwDeg_f32=Neg
   TS 2.236SrlHwAg_HwDeg_f32=Zero
  TS 2.230SillwAg_HwDeg_f32=Pos
TS 2.237SillwAg_HwDeg_f32=Pos
TS 2.238SrlHwAg_HwDeg_f32=Max
TS 2.239k_HwTqMgnThd_HwNm_f32=min
TS 2.240k_HwTqMgnThd_HwNm_f32=max
TS 2.241k_HwTqMgnThd_HwNm_f32=default
TS 2.242k_HwTqMgnThd_HwNm_f32=default
   TS 2.243k_SrlHwAgVldTiThd_mS_u32=min
TS 2.244k_SrlHwAgVldTiThd_mS_u32=max
TS 2.245k_SrlHwAgVldTiThd_mS_u32=mid / Default
   TS 2.246VehDyn_SrlHwAgVldTimer_mS_M_u32 = Min
TS 2.247VehDyn_SrlHwAgVldTimer_mS_M_u32 = Max
TS 2.248VehDyn_SrlHwAgVldTimer_mS_M_u32 = Mid
   TS 2.249DtrmnElapsedTime_mS_u32 = Min
   TS 2.250DtrmnElapsedTime_mS_u32 = Max
TS 2.251DtrmnElapsedTime_mS_u32 = Pos
   TS 2.252GetSystemTime_m\overline{S}_u\overline{32} = Min
   TS 2.253GetSystemTime_mS_u32 = Max
TS 2.254GetSystemTime_mS_u32 = Pos
TS 2.255Rte_Call_SystemTime_DtrmnElapsedTime_mS_u32=min
   TS 2.256Rte Call_SystemTime_DtrmnElapsedTime_mS_u32=max TS 2.257Rte_Call_SystemTime_DtrmnElapsedTime_mS_u32=mid TS 2.258Rte_Call_SystemTime_GetSystemTime_mS_u32=min
   TS 2.259Rte_Call_SystemTime_GetSystemTime_mS_u32=max TS 2.260Rte_Call_SystemTime_GetSystemTime_mS_u32=mid
```

Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	0
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	0
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	0
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	0
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1600

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	0
	0
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	0
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	0
VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	0
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0
	0
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	0
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0
	-1600
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	l'
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1600
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M lqc	0
, = = = = = = = = = = = = = = = = = = =	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	l'
VehDyn_MaxOffset_HwDeg_M_f32	-2840
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-18.7999992
VehDyn PinTrgSV M str.K Uls f32	2.51327106e-006
VehDyn_SLPHwAuth_Uls_M_f32	0
VehDyn_SLPHwPos_HwDeg_M_f32	-1600
VehDyn_SrlHwAgVldTimer_mS_M_u32	0
k_HiSpdVDAuthority_Uls_f32	0
k_HwTqMgnThd_HwNm_f32	0
k_LoSpdVDAuthority_Uls_f32	0
k_SrlHwAgVldTiThd_mS_u32	0
k_SysKinRatio_MtrDegpHwDeg_f32	
k_TravelXCDeadband_Uls_f32	0
k_TravelXCHwAuthority_Uls_f32	0
target_DtrmnElapsedTime_mS_u32_ElapsedTime	0
target_GetSystemTime_mS_u32_CurrentTime	0
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTi	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1440.10999





Name	Input Value		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	360		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-10		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1118		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1600		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1600		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.80000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	0		
Name	Actual Value	Expected Value	Resul
VehDyn AllowHiSpdAutoCntr Cnt M Igc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0	0	•
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	0	0	
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1600	-1600 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0	0	
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0	0	
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	0	0	
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	0	0	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1600	-1600 ± 0.009	
VehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0	0	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0	0	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_Initialize_Cnt_M_lgc	1	1	•
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_MaxOffset_HwDeg_M_f32	360	360	•
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999	-1440.10999	•
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-18.7999992	-18.7999992 ± 0.00009	•
VehDyn_SrlHwAgVldTimer_mS_M_u32	0	0	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0	0 ± 0.004	•
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	

Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.2 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	700
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	255
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	20
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	100
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	60000
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	60000
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4294967295
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584786
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584786
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	700
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	255
VehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	20
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	100
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	60000
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	60000
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4294967295
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4294967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584786
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.00125584786
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	700
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	255
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	20
	100
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	60000
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	60000
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4294967295
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.00125584786
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584786
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn ForceCenterEnabled Cnt M Igc	1
VehDyn ForceCenterOffset HwDeg M f32	1600
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
	1
VehDyn_Initialize_Cnt_M_lgc	
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1440.10999
VehDyn_MinOffset_HwDeg_M_f32	2840
VehDyn_PinTrqSV_M_str.SV_Uls_f32	18.7999992
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00125584786
VehDyn SLPHwAuth Uls M f32	1
VehDyn SLPHwPos HwDeg M f32	1600
VehDyn_SrlHwAgVldTimer_mS_M_u32	4294967295
k_HiSpdVDAuthority_UIs_f32	1
k_HwTqMgnThd_HwNm_f32	10
k_LoSpdVDAuthority_Uls_f32	1
k_SrlHwAgVldTiThd_mS_u32	100000
k SysKinRatio MtrDegpHwDeg f32	100
k_TravelXCDeadband_Uls_f32	100
k TravelXCHwAuthority Uls f32	1
, <u> </u>	
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4294967295
target_GetSystemTime_mS_u32_CurrentTime	4294967295
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_Elapsed$	Ti 4294967295
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTim$	e 4294967295
toward Dto Joseph Ap. Volo Doro Volo Doro Dord Const COT Jan Doro 1900	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_veribyit_i eri_comeor_inmbeg_loz
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensoriessAuthority_Uis_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVId_Cnt_lgc	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc





venbyn_r er r			1000
Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpe	eed_Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-360		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1440.10999		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	10		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1118		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1600		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	1600		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	511		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4294967295	4294967295	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295	4294967295	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4294967295	4294967295	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4294967295	4294967295	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4294967295	4294967295	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295	4294967295	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	✓
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	-159.890015	-159.889999	✓
V. I.D. M. O.W. I. II. D. M. 190	0040	0040	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

2840

0

18.7890587

4294967295

2840

4294967295

1 ± 0.004

0 ± 0.1

18.7890587 ± 0.00009

Test Step 2.3 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime	
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.100006	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156.100006	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	42.0999985	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	39056	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2160073393	

VehDyn\_MinOffset\_HwDeg\_M\_f32

VehDyn\_PinTrqSV\_M\_str.SV\_Uls\_f32

VehDyn\_SrlHwAgVldTimer\_mS\_M\_u32

target\_VehDyn\_Per1\_SensorlessAuthority\_Uls\_f32.value

target\_VehDyn\_Per1\_SensorlessHwPos\_HwDeg\_f32.value

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VehDyn\_Per1



Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892860
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-172.389999
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000650000002
	-172.389999
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000650000002
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	1
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	125.099998
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	124.5
	3.7999995
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	10.5
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	49475
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	38708
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2160073393
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892860
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-172.389999
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000449999992
	-172.389999
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000780000002
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0:
VehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	200.100006
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156.100006
VehDyn AutoCntrLoSpd M str.FiltPinTrq HwNm f32	4.4000001
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	42.0999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	7034
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	39056
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2160073393
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	2345892860
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-172.389999
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.4999994e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-172.389999
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000650000002
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn ForceCenterEnabled Cnt M Igc	0
VehDyn ForceCenterOffset HwDeg M f32	-1600
	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	369.15799
VehDyn_MinOffset_HwDeg_M_f32	-1439.15405
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.80000019
VehDyn PinTrqSV M str.K Uls f32	0.00025099999
VehDyn_SLPHwAuth_Uls_M_f32	0.986999989
VehDyn SLPHwPos HwDeg M f32	
	-1589.15002
VehDyn_SrlHwAgVldTimer_mS_M_u32	1050692864
k_HiSpdVDAuthority_Uls_f32	0.89999976
k_HwTqMgnThd_HwNm_f32	1
k_LoSpdVDAuthority_Uls_f32	0.330000013
k_SrlHwAgVldTiThd_mS_u32	12
k_SysKinRatio_MtrDegpHwDeg_f32	10.0200005
k TravelXCDeadband Uls f32	1.25
k_TraveIXCHwAuthority_UIs_f32	0.0153999999
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1720406272
target_GetSystemTime_mS_u32_CurrentTime	4243378688
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_ElapsedT$	2659241984
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	1050692864
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
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Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_Torque0	CmdCRF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1438.15002		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	375.23999		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.10000038		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-900.210022		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-172.389999		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1589.15002		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	0		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2160073393	2160073393	•
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	2345892860	2345892860	
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-172.389999	-172.389999 ± 0.0009	
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-172.389999	-172.389999 ± 0.0009	
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4243378688	4243378688	
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	2345892860	2345892860	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-172.389999	-172.389999 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-172.389999	-172.389999 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	1	1	•
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0	0	
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	2160073393	2160073393	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892860	2345892860	
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-172.389999	-172.389999 ± 0.0009	
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-172.389999	-172.389999 ± 0.0009	
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0	0	
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	
VehDyn Initialize Cnt M Igc	1	1	
VehDyn LoSpdLearnt Cnt M Igc	1	1	
VehDyn MaxOffset HwDeg M f32	375.23999	375.23999	
VehDyn_MinOffset HwDeg M f32	-1438.15002	-1438.15002	
VehDyn PinTrgSV M str.SV Uls f32	7.79555798	7.7955575 ± 0.000009	
VehDyn_SrlHwAgVldTimer_mS_M_u32	1050692864	1050692864	
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.899999976	0.899999976 ± 0.004	
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0	0 ± 0.1	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	_

Test Step 2.4 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	457.299988
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.300003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.2999992
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	12.3000002
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-599.400024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000652000017
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-599.400024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000652000017
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	84.0999985
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.5
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	25
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	43128
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58869
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-599.400024
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDog_str.K_Uls_f32	0.000452000007
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-599.400024
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000782000017
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	457.399994
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	166.399994
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.1000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.3999996
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-599.400024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.54000006e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-599.400024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000652000017
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	1
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	1
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
VehDyn ForceCenterEnabled Cnt M Igc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1500.22998
VehDyn HiSpdLearnt Cnt M Igc	0
	1
VehDyn_Initialize_Cnt_M_lgc	
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-374.149994
VehDyn_MinOffset_HwDeg_M_f32	-1432.46997
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.20000005
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000251999998
VehDyn_SLPHwAuth_Uls_M_f32	0.972000003
VehDyn_SLPHwPos_HwDeg_M_f32	-1578.89001
VehDyn_SrlHwAgVldTimer_mS_M_u32	3039943680
k_HiSpdVDAuthority_Uls_f32	0.349999994
k_HwTqMgnThd_HwNm_f32	1.5
k_LoSpdVDAuthority_UIs_f32	0.889999986
k_SrlHwAgVldTiThd_mS_u32	45
k_SysKinRatio_MtrDegpHwDeg_f32	25.1000004
k_TravelXCDeadband_Uls_f32	2.69000006
k_TravelXCHwAuthority_Uls_f32	0.0166250002
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2659241984
target_GetSystemTime_mS_u32_CurrentTime	1050692864
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_ms_u32_ElapsedTi	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_vehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32





Name	Input Value		
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSp	eedValid_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSp	eed_Kph_f32	
target VehDyn Per1 CcwEOT HwDeg f32.value	-1431.89001		
target VehDyn Per1 CwEOT HwDeg f32.value	386.147003		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	9.5		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	800.869995		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-599.400024		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1578.89001		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.80000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	511		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	54822322	54822322	<b>~</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835	2553156835	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-599.400024	-599.400024 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-599.400024	-599.400024 ± 0.0009	<b>✓</b>
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1	1	<b>✓</b>
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	1	1	~
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1050692864	1050692864	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835	2553156835	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-599.400024	-599.400024 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-599.400024	-599.400024 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	0	0	
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	0	0	<b>~</b>
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1050692864	1050692864	~
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	2553156835	2553156835	
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-599.400024	-599.400024 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-599.400024	-599.400024 ± 0.0009	~
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1	1	
VehDyn HiSpdLearnt Cnt M Igc	0	0	<b>~</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>~</b>
VehDyn MaxOffset HwDeg M f32	-374.149994	-374.149994	-
VehDyn_MinOffset_HwDeg_M_f32	-832.48999	-832.48999	<b>~</b>
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.20166588	3.20166588 ± 0.000009	~
VehDyn SrlHwAgVldTimer mS M u32	3039943680	3039943680	~
target VehDyn Per1 SensorlessAuthority Uls f32.value	0.889999986	0.889999986 ± 0.004	
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	0	0 ± 0.1	<b>~</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 CheckpointReached	1	<b>~</b>

Test Step 2.5 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime	
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	120.699997	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	116.699997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.7000008
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	88.6999969
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58929
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	109643620
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	49.4199982
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00067400001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	49.4199982
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00067400001
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	2.5
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	126.099998
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.5
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75.5
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	3589476707
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	109643620
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	49.4199982
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000492900028
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	49.4199982
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00080400001
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	120.300003
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	116.5
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.2999992
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	88.5
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	58929
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476707
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	109643620
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	49.4199982
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2.9799995e-005 49.4199982
VehDyn AutoCntrLoSpd M str.RelHwPosFitt2SV_HwDeg_str.Sv_Ois_i32	0.00067400001
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	-401.220001
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	429.062012
VehDyn_MinOffset_HwDeg_M_f32	-1358.94604
VehDyn_PinTrqSV_M_str.SV_Uls_f32	8.89999962
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000262999994
VehDyn_SLPHwAuth_Uls_M_f32	0.806999981
VehDyn_SLPHwPos_HwDeg_M_f32	-1466.03003
VehDyn_SrlHwAgVldTimer_mS_M_u32	824746752
k_HiSpdVDAuthority_Uls_f32	1
k_HwTqMgnThd_HwNm_f32	5.099999
k_LoSpdVDAuthority_Uls_f32	1
k_SrlHwAgVldTiThd_mS_u32	20045
k_SysKinRatio_MtrDegpHwDeg_f32	75.5
k_TravelXCDeadband_Uls_f32	18.5300007
k_TraveIXCHwAuthority_UIs_f32	0.0300999992
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1050692864
target_GetSystemTime_mS_u32_CurrentTime	3304439296
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime target Rte Call Ap VehDyn SystemTime CetSystemTime mS u32 CurrentTime	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	824746752 target VehDun Perf CouEOT HwDeg f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32





Name	Input Value		
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_	MtrRadpS_f32	
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32		
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32		
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwl	Pos_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_C	nt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwD	eg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCR	F_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedV	/alid_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_	Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1363.03003		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	506.123993		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-8.80000019		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-897.599976		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	49.4199982		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1466.03003		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-3.20000005		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	256.640015		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	-
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707	3589476707	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	109643620	109643620	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	49.4199982	49.4199982 ± 0.00009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	49.4199982	49.4199982 ± 0.00009	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>-</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3304439296	3304439296	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	109643620	109643620	<b>-</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	49.4199982	49.4199982 ± 0.00009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	49.4199982	49.4199982 ± 0.00009	-
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	1	1	-
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	-
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476707	3589476707	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	109643620	109643620	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	49.4199982	49.4199982 ± 0.00009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	49.4199982	49.4199982 ± 0.00009	-
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt lgc	0	0	-
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc	1	1	-
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	•
VehDyn_Initialize_Cnt_M_lgc	1	1	-
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	-
VehDyn_MaxOffset_HwDeg_M_f32	506.123993	506.123993	-
VehDyn_MinOffset_HwDeg_M_f32	-1363.03003	-1363.03003	•
VehDyn_PinTrqSV_M_str.SV_UIs_f32	8.89533329	8.89533329 ± 0.000009	-
VehDyn_SrlHwAgVldTimer_mS_M_u32	824746752	824746752	•
torget VehDyn Bort Consorloss Authority Illa 122 yelus	4	1+0.004	-4

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Pto Call VehDyn Per1 CP1 ChecknointPeached	1	Pto Call VehDyn Per1 CP1 ChecknointPeached	1	

450.640015

1 ± 0.004

450.640015 ± 0.1

Test Step 2.6 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime	
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	

target\_VehDyn\_Per1\_SensorlessAuthority\_Uls\_f32.value

target\_VehDyn\_Per1\_SensorlessHwPos\_HwDeg\_f32.value

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Name	Input Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	73.4000015
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	64.4000015
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	9.3999962
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.4000015
VehDyn_AutoCotrDetSpd_M_str.Timer1Thresh_mS_u16	53759 18715
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4290967295
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	995.5
VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000655999989
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	995.5
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000655999989
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1.
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	566.5
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	52.7999992
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7.80000019
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	56.1399994
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	14442
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4290967295
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	995.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000126600004
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	995.5
VehDyn_AutoCntrl-iSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00078599999
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1 0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	73.1999969
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	64.3000031
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	9.1999981
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.3000031
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53759
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	18715
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	995.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.61999994e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	995.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000655999989
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1300.41003
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-384.134003 -1419.10205
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.5999999
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000254000013
VehDyn SLPHwAuth Uls M f32	0.941999972
VehDyn SLPHwPos HwDeg M f32	-1558.37
VehDyn_SrlHwAgVldTimer_mS_M_u32	123
k_HiSpdVDAuthority_Uls_f32	0.870000005
k_HwTqMgnThd_HwNm_f32	5.25
k_LoSpdVDAuthority_Uls_f32	0.69999988
k_SrlHwAgVldTiThd_mS_u32	112
k_SysKinRatio_MtrDegpHwDeg_f32	56.5
k_TravelXCDeadband_Uls_f32	5.57000017
k_TravelXCHwAuthority_Uls_f32	0.0190750007
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1117112832
target_GetSystemTime_mS_u32_CurrentTime	1316564736
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_ElapseDTime\_mS\_u33\_ElapseD$	1736795392
	133
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	125





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f	32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm	_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_Mtrl	RadpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg	_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos	_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_l	дс	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_	132	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_M	/trNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid	_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph	_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1419.37		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	407.960999		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-10		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-425.25		
target VehDyn Per1 RelHwPos HwDeg f32.value	995.5		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1558.37		
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	-5.4000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target VehDyn Per1 VehicleSpeed Kph f32.value	10.2139997		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	✓ ×
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4290967295	4290967295	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784	2967684784	•
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeq str.SV Uls f32	995.5	995.5 ± 0.0009	·
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	995.5	995.5 ± 0.0009	_
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>~</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	_
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1316564736	1316564736	·
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784	2967684784	_
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	995.5	995.5 ± 0.0009	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	995.5	995.5 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc	0	0	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1316564736	1316564736	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784	2967684784	
	995.5	995.5 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDog_str.SV_Uls_f32	995.5	995.5 ± 0.0009	
VehDyn_AutoCotrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0	995.5 ± 0.0009	
VehDyn_AutoCatrl oSpd_M_str.Filter1Enable_Cnt_lgc		-	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc	1	1	-
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc			
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_Initialize_Cnt_M_lgc	1	1	· ·
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_MaxOffset_HwDeg_M_f32	407.960999	407.960999	<b>~</b>
VehDyn_MinOffset_HwDeg_M_f32	-1419.37	-1419.37	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.59550524	7.59550524 ± 0.000009	<b>~</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	123	123	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.69999988	0.69999988 ± 0.004	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 CheckpointReached	1	_

0 ± 0.1

Test Step 2.7 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	

target\_VehDyn\_Per1\_SensorlessHwPos\_HwDeg\_f32.value

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Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	10.1000004
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.0999985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	7.0999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	56.0999985
VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	13352
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	14442
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002
VehDyn_AutoChtrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000658000004
	-880.02002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000658000004
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	631.5
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	34.5
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.099999
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	54.2299995
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21364
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52716
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000167299993
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-880.02002
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000788000005
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	10.6999998
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	52.700008
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.6999981
· - · - ·	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	56.700008
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1078320779
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.66000006e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-880.02002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000658000004
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1200.5
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn MaxOffset HwDeg M f32	389.126007
VehDyn MinOffset HwDeg M f32	-1412.41797
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.5
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000254999992
VehDyn SLPHwAuth Uls M f32	0.926999986
VehDyn_SLPHwPos_HwDeg_M_f32	-1548.10999
	-1346.10999 54689
VehDyn_SrlHwAgVldTimer_mS_M_u32	
K_HiSpdVDAuthority_Uls_f32 A Landau Table 1 (a) 1 (a) 1 (b) 1 (a) 1 (b) 1 (b) 1 (b) 1 (c) 1	0.75999999
K_HwTqMgnThd_HwNm_f32	1.10000002
<_LoSpdVDAuthority_UIs_f32	0.560000002
k_SrlHwAgVldTiThd_mS_u32	1385
k_SysKinRatio_MtrDegpHwDeg_f32	54.2999992
k_TravelXCDeadband_Uls_f32	7.01000023
k_TraveIXCHwAuthority_Uls_f32	0.0203000009
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1736795392

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Name	Input Value		
target_GetSystemTime_mS_u32_CurrentTime	2075080192		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u33_ElapsedTi			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	54689		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32	target_VehDyn_Per1_SensorlessAuthority_L	_	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	/Deg_132	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVId_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32	l 100	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	_	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1413.10999		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	418.868011 10		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	752.75		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-880.02002		
	0		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value			
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1548.10999 7.5999999		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	0		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	20.1399994		
		Function Value	Daguilé
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	-
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1078320779	1078320779	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758	3174948758	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002	-880.02002 ± 0.0009	Ž
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-880.02002	-880.02002 ± 0.0009	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1		-
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2075080192 3174948758	2075080192 3174948758	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32		-880.02002 ± 0.0009	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002 -880.02002	-880.02002 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	0	0	-
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc		1	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	-
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
	1078320779	1078320779	-
VehDyn_AutoCntrl oSpd_M_str.Timer1_mS_u32		3174948758	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3174948758 -880.02002	-880.02002 ± 0.0009	-
VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002 -880.02002	-880.02002 ± 0.0009	
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	1	1	-
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt. Igc	0	0	
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	0	0	-
	1	1	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn Initialize Cnt M lgc	1	1	
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	-
VehDyn MaxOffset HwDeg M f32			
	418.868011	418.868011	-
VehDyn_MinOffset_HwDeg_M_f32	-1413.10999 1 50220222	-1413.10999 1 50320333 + 0 000000	
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.50220323	1.50220323 ± 0.000009	-
VehDyn_SrlHwAgVldTimer_mS_M_u32	54689	54689	
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.75999999	0.75999999 ± 0.004	
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0	0 ± 0.1	_

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	•



Test Step 2.8 (Repeat Count = 1)	
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	0
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	0
/ehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	0
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	0
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	0
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	0
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	0
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	0
/ehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	0
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	0
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1600
· · · · · · · · · · · · · · · · · · ·	2.51327106e-006
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	0
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	0
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	0
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	0
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0
/ehDyn AutoCntrLoSpd M str.Timer2 mS u32	0
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	2.51327106e-006
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1600
/ehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.Sv_Dis_i32	2.51327106e-006
	2.5132/106e-006 0
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_ForceCenterEnabled_Cnt_M_lgc	0
/ehDyn_ForceCenterOffset_HwDeg_M_f32	-1600
/ehDyn_HiSpdLearnt_Cnt_M_lgc	0
ehDyn_Initialize_Cnt_M_lgc	0
ehDyn_LoSpdLearnt_Cnt_M_lgc	0
/ehDyn_MaxOffset_HwDeg_M_f32	-2840
/ehDyn_MinOffset_HwDeg_M_f32	-1440.10999
/ehDyn_PinTrqSV_M_str.SV_UIs_f32	-18.7999992
/ehDyn PinTrqSV M str.K Uls f32	2.51327106e-006
/ehDyn_SLPHwAuth_Uls_M_f32	0
/ehDyn_SLPHwPos HwDeg M f32	-1600
·	
/ehDyn_SrlHwAgVldTimer_mS_M_u32	0
x_HiSpdVDAuthority_Uls_f32	0
C_HwTqMgnThd_HwNm_f32	0
x_LoSpdVDAuthority_UIs_f32	0
c_SrlHwAgVldTiThd_mS_u32	0
_SysKinRatio_MtrDegpHwDeg_f32	1





Name	Input Value		
k TravelXCDeadband Uls f32	0		
k_TraveIXCHwAuthority_UIs_f32	0		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	0		
target_GetSystemTime_mS_u32_CurrentTime	0		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT	0		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_L		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1440.10999		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	360		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	0		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1118 -1600		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	0		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1600		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.80000019		
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	0		
target VehDyn Per1 VehicleSpeed Kph f32.value	0		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	- Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0	0	_
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0	0	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0	0	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>*</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	· ·
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	- V
VehDyn_Initialize_Cnt_M_lgc	0	1	
VehDyn_LoSpdLearnt_Cnt_M_lgc		0	
VehDyn_MaxOffset_HwDeg_M_f32	360	360	· ·
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999 18.7000744	-1440.10999 18 7000744 ± 0 00000	Ž
VehDyn_PinTrqSV_M_str.SV_UIs_f32 VehDyn_SrlHwAqVIdTimer_mS_M_u32	-18.7999744 0	-18.7999744 ± 0.00009	- 4
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0	0 ± 0.004	
targot_vonzyn_r or i_ochochosonatholity_ols_loz.value	. •	1 0 ± 0.007	· ·
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~



ame	Input Value
trmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
etSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
te_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
te_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	34.7999992
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	96.8000031
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.80000019
ehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	41.7999992
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	32821
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	53946
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758
	1024
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000669999979
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000669999979
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	665
ehDyn AutoCntrHiSpd M str.VehSpd kph f32	106.5
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	63.4000015
ehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	40437
· - · · ·	13059
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948758
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00041149999
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00079999998
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	34.2000008
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	96.099985
ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	6.19999981
· - · ·	41.099985
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	32821
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	53946
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948758
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.90000007e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000669999979
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn AutoCntrLoSpd M str.Filter2Enable Cnt lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.FilterInitialized_Cnt_lgc	1
enDyn_AutoCntrLoSpd_w_str.Filter2initialized_Cnt_igc	1
ehDyn_ForceCenterOffset_HwDeg_M_f32	-601.039978
ehDyn_HiSpdLearnt_Cnt_M_lgc	1
ehDyn_Initialize_Cnt_M_lgc	1
ehDyn_LoSpdLearnt_Cnt_M_lgc	1
ehDyn_MaxOffset_HwDeg_M_f32	419.078003
ehDyn_MinOffset_HwDeg_M_f32	-1372.31396
ehDyn_PinTrqSV_M_str.SV_Uls_f32	15.1999998
	0.000261000008
ehDyn_PinTrqSV_M_str.K_Uls_f32	0.837000012
ehDyn_SLPHwAuth_Uls_M_f32	-1486.55005
ehDyn_SLPHwAuth_Uls_M_f32 ehDyn_SLPHwPos_HwDeg_M_f32	-1486.55005 954802432
ehDyn_SLPHwAuth_Uls_M_f32 ehDyn_SLPHwPos_HwDeg_M_f32 ehDyn_SrlHwAgVldTimer_mS_M_u32	954802432
ehDyn_SLPHwAuth_Uls_M_f32 ehDyn_SLPHwPos_HwDeg_M_f32 ehDyn_SrlHwAgVldTimer_mS_M_u32 HiSpdVDAuthority_Uls_f32	954802432 0.272780001
ehDyn_SLPHwAuth_Uls_M_f32 ehDyn_SLPHwPos_HwDeg_M_f32 ehDyn_SrlHwAgVldTimer_mS_M_u32	954802432





Name	Input Value		
k_SysKinRatio_MtrDegpHwDeg_f32	63.0999985		
k_TravelXCDeadband_Uls_f32	15.6499996		
k_TravelXCHwAuthority_Uls_f32	0.0276500005		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2127166208		
target_GetSystemTime_mS_u32_CurrentTime	437658624		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessAuthority_U target_VehDyn_Per1_SensorlessHwPos_Hw		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	7DC9_102	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1375.55005		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	484.309998		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	5.5		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154.199997		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	731.700012		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1486.55005		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	0		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	45.7900009		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1 3174948758	1 3174948758	· ·
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1 3174948758 1024	1 3174948758 1024	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 3174948758 1024 731.700012	1 3174948758 1024 731.700012 ± 0.0009	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1 3174948758 1024 731.700012 731.700012	1 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009	, , , , , , , , , , , , , , , , , , ,
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1 3174948758 1024 731.700012 731.700012 0	1 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0	· · · · · · · · · · · · · · · · · · ·
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1 3174948758 1024 731.700012 731.700012 0	1 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0	· · · · · · · · · · · · · · · · · · ·
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1 3174948758 1024 731.700012 731.700012 0	1 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0	· · · · · · · · · · · · · · · · · · ·
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1 3174948758 1024 731.700012 731.700012 0 0	1 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0 0	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1 3174948758 1024 731.700012 731.700012 0 0	1 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0 1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1 3174948758 1024 731.700012 731.700012 0 0 1 1 1 437658624	1 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0 1 1 1 437658624	· · · · · · · · · · · · · · · · · · ·
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1 3174948758 1024 731.700012 731.700012 0 0 1 1 437658624 1024	1 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0 1 1 1 437658624 1024	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 3174948758 1024 731.700012 731.700012 0 0 1 1 437658624 1024 731.700012	1 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0 1 1 1 437658624 1024 731.700012 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1 3174948758 1024 731.700012 731.700012 0 0 1 1 1 437658624 1024 731.700012	1 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0 1 1 437658624 1024 731.700012 ± 0.0009 731.700012 ± 0.0009	
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VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1 3174948758 1024 731.700012 731.700012 0 0 1 1 1 437658624 1024 731.700012 731.700012 0 1	1 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0 1 1 437658624 1024 731.700012 ± 0.0009 731.700012 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1 3174948758 1024 731.700012 731.700012 0 0 1 1 437658624 1024 731.700012 731.700012 0 1 1 1	1 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0 1 1 437658624 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0 1	
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VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_Initialize_Cnt_M_lgc  VehDyn_LoSpdLearnt_Cnt_M_lgc	1 3174948758 1024 731.700012 731.700012 0 0 1 1 437658624 1024 731.700012 0 1 1 1 0 3174948758 1024 731.700012 731.700012 1 1 1 0 0 1 1 1 1 1 1 1 1 1	1 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0 1 1 437658624 1024 731.700012 ± 0.0009 0 1 1 1 0 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 1 1 1 0 1 1 1 1 1 1 1 1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_Initialize_Cnt_M_lgc  VehDyn_AuxoCffset_HwDeg_M_f32	1 3174948758 1024 731.700012 731.700012 0 0 1 1 437658624 1024 731.700012 0 1 1 1 0 3174948758 1024 731.700012 731.700012 731.700012 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0 1 1 437658624 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0 1 1 1 0 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_MaxOffset_HwDeg_M_f32  VehDyn_MinOffset_HwDeg_M_f32	1 3174948758 1024 731.700012 731.700012 0 0 1 1 437658624 1024 731.700012 0 1 1 1 0 3174948758 1024 731.700012 731.700012 731.700012 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0 1 1 437658624 1024 731.700012 ± 0.0009 0 1 1 1 0 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_Filt1Spd_Learnt_Cnt_M_lgc  VehDyn_Filt1Spd_Learnt_Cnt_M_lgc  VehDyn_Filt	1 3174948758 1024 731.700012 731.700012 0 0 1 1 437658624 1024 731.700012 0 1 1 1 0 3174948758 1024 731.700012 731.700012 731.700012 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0 1 1 437658624 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0 1 1 1 0 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_LoSpdLearnt_Cnt_M_lgc  VehDyn_MaxOffset_HwDeg_M_f32  VehDyn_MinOffset_HwDeg_M_f32  VehDyn_MinOffset_HwDeg_M_f32	1 3174948758 1024 731.700012 731.700012 0 0 1 1 437658624 1024 731.700012 0 1 1 1 0 3174948758 1024 731.700012 731.700012 731.700012 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0 1 1 437658624 1024 731.700012 ± 0.0009 0 1 1 1 0 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 1 1 1 0 0 11 1 1 1 1 1 1 1 247.389999 -1372.31396 15.1974688 ± 0.00009	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~



Test Step 2.10 (Repeat Count = 1)	· · · · · · · · · · · · · · · · · · ·
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	75.0999985
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	88.099985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	1.10000002
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	34188
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000663999992
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000663999992
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	76.0999985
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	2 32.2999992
7 = 1 = = 0=	1 1111
VehDyn_AutoCntrlliSpd_M_str.Timer1Thresh_mS_u16	12258 36416
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000289399992
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000793999992
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	75.5
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	88.8000031
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1.5
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.8000031
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	34188
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.78000007e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000663999992
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	-900.77002
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	404.10199
VehDyn_MinOffset_HwDeg_M_f32	-1392.36597
VehDyn_PinTrqSV_M_str.SV_UIs_f32	17.7999992
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000257999985
VehDyn_SLPHwAuth_Uls_M_f32	0.882000029
VehDyn_StPHwPos_HwDeg_M_f32	-1517.32996 12
VehDyn_SrlHwAgVldTimer_mS_M_u32	12
k_HiSpdVDAuthority_UIs_f32	0.637000024 0.00120000006
k_HwTqMgnThd_HwNm_f32	0.00120000006
k_LoSpdVDAuthority_Uls_f32	U





Name	Input Value		
k_SrlHwAgVldTiThd_mS_u32	701		
k_SysKinRatio_MtrDegpHwDeg_f32	32.5		
k_TravelXCDeadband_Uls_f32	11.3299999		
k_TravelXCHwAuthority_Uls_f32	0.0239749998		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	463842816		
target_GetSystemTime_mS_u32_CurrentTime	824746752		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT	1759885568		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	12		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	Jls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Ci	nt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1394.32996		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	451.588989		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-7.30000019		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	159.455994		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-293.049988		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1517.32996		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	35.8899994		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835	2553156835	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682	3796740682	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	<b>V</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	<b>V</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>V</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc			~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	824746752	824746752	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682 -293.049988	3796740682 -293.049988 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	
VehDyn_AutoCntrhiSpd_M_str.Filter1Enable_Cnt_lgc	-293.049966	-293.049988 ± 0.0009	-
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	824746752	824746752	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682	3796740682	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	_
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	_
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	451.588989	451.588989	~
VehDyn_MinOffset_HwDeg_M_f32	-1394.32996	-1394.32996	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	17.79356	17.79356 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32			~
	12	12	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	12	12 1 ± 0.004	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value			~



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

est Step 2.11 (Repeat Count = 1)	Input Value
mnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
tSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
e Call Ap VehDvn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
e_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
e_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
hDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
hDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	98.5
hDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	76.5
hDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.5
hDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	32.5
hDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	12258
hDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36416
hDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809
hDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004656
hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-627.179993
hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000666000007
hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-627.179993
hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000666000007
hDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
hDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
hDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
hDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
hDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	75.5
hDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	86.5
hDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999
hDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52.2999992
hDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	29076
hDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	43868
hDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2760420809
hDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-627.179993
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000330100011
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-627.179993
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000796000008
hDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
hDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
hDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
hDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
hDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	98.8000031
hDyn AutoCntrLoSpd M str.VehSpd kph f32	76.5
hDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.79999995
hDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32.5
hDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	12258
hDyn_AutoCntrLoSpd_M_str.Timer1Threstl_mS_u16	36416
hDyn_AutoCntrLoSpd_M_str.Timer2Thresit_inis_u16 hDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420809
hDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 hDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004656
hDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDog_str.SV_Uls_f32	-627.179993 2.82000001c 005
hDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDog_str.K_Uls_f32	2.82000001e-005
hDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-627.179993
hDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000666000007
hDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
hDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
hDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
hDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
hDyn_ForceCenterEnabled_Cnt_M_lgc	1
	000 050005
hDyn_ForceCenterOffset_HwDeg_M_f32 hDyn_HiSpdLearnt_Cnt_M_lgc	-800.859985 1

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Name	Input Value		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	409.093994		
VehDyn_MinOffset_HwDeg_M_f32	-1385.68201		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-7		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000258999993		
VehDyn_SLPHwAuth_Uls_M_f32	0.866999984		
VehDyn_SLPHwPos_HwDeg_M_f32	-1507.06995		
VehDyn_SrlHwAgVldTimer_mS_M_u32	89763		
k_HiSpdVDAuthority_UIs_f32	0.278719991 1.10000002		
k_HwTqMgnThd_HwNm_f32 k_LoSpdVDAuthority_Uls_f32	1.10000002		
k SrlHwAgVldTiThd mS u32	702		
k SysKinRatio MtrDegpHwDeg f32	52.2999992		
k TravelXCDeadband Uls f32	12.7700005		
k TravelXCHwAuthority Uls f32	0.0252		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1759885568		
target_GetSystemTime_mS_u32_CurrentTime	309385728		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_Ela	apsedTi 1662097408		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_Curren	ntTime 89763		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT	_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorqu		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVel		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPo		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_Sensorles	, <u> </u>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_Sensorle		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAg\		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCi		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleS		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	target_VehDyn_Per1_VehicleS	peed_kpii_i32	
target VehDyn Per1 CwEOT HwDeg f32.value	462.496002		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-7.0999999		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1100.45801		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-627.179993		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1507.06995		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.80000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	36.4199982		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1		
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	' '	1	~
	2760420809	1 2760420809	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809 4004004656	4004004656	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2760420809 4004004656 -627.179993	4004004656 -627.179993 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2760420809 4004004656 -627.179993 -627.179993	4004004656 -627.179993 ± 0.0009 -627.179993 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	2760420809 4004004656 -627.179993 -627.179993	4004004656 -627.179993 ± 0.0009 -627.179993 ± 0.0009 0	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	2760420809 4004004656 -627.179993 -627.179993 0	4004004656 -627.179993 ± 0.0009 -627.179993 ± 0.0009 0	0
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	2760420809 4004004656 -627.179993 -627.179993 0	4004004656 -627.179993 ± 0.0009 -627.179993 ± 0.0009 0	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	2760420809 4004004656 -627.179993 -627.179993 0 0	4004004656 -627.179993 ± 0.0009 -627.179993 ± 0.0009 0 1	0
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809 4004004656 -627.179993 -627.179993 0 1 1 1 309385728	4004004656 -627.179993 ± 0.0009 -627.179993 ± 0.0009 0 1 1 1 309385728	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809 4004004656 -627.179993 -627.179993 0 1 1 309385728 4004004656	4004004656 -627.179993 ± 0.0009 -627.179993 ± 0.0009 0 1 1 1 309385728 4004004656	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32	2760420809 4004004656 -627.179993 -627.179993 0 1 1 309385728 4004004656 -627.179993	4004004656 -627.179993 ± 0.0009 -627.179993 ± 0.0009 0 0 1 1 1 309385728 4004004656 -627.179993 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2760420809 4004004656 -627.179993 -627.179993 0 1 1 309385728 4004004656 -627.179993 -627.179993	4004004656 -627.179993 ± 0.0009 -627.179993 ± 0.0009 0 1 1 1 309385728 4004004656 -627.179993 ± 0.0009 -627.179993 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc	2760420809 4004004656 -627.179993 -627.179993 0 1 1 309385728 4004004656 -627.179993 0	4004004656 -627.179993 ± 0.0009 -627.179993 ± 0.0009 0 0 1 1 1 309385728 4004004656 -627.179993 ± 0.0009 0	
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VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	2760420809 4004004656 -627.179993 -627.179993 0 0 1 1 309385728 4004004656 -627.179993 0 1	4004004656 -627.179993 ± 0.0009 -627.179993 ± 0.0009 0 1 1 1 309385728 4004004656 -627.179993 ± 0.0009 -627.179993 ± 0.0009 0 1	
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VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	2760420809 4004004656 -627.179993 -627.179993 0 0 1 1 309385728 4004004656 -627.179993 0 1 1 0 2760420809 4004004656 -627.179993 -627.179993 1 0 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	4004004656 -627.179993 ± 0.0009 -627.179993 ± 0.0009 0 0 1 1 1 309385728 4004004656 -627.179993 ± 0.0009 0 1 1 1 0 2760420809 4004004656 -627.179993 ± 0.0009 -627.179993 ± 0.0009 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1	
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VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	2760420809 4004004656 -627.179993 -627.179993 0 0 1 1 309385728 4004004656 -627.179993 0 1 1 0 2760420809 4004004656 -627.179993 -627.179993 1 0 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	4004004656 -627.179993 ± 0.0009 -627.179993 ± 0.0009 0 0 1 1 1 309385728 4004004656 -627.179993 ± 0.0009 0 1 1 1 0 2760420809 4004004656 -627.179993 ± 0.0009 -627.179993 ± 0.0009 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1	

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Name	Actual Value	Expected Value	Result
VehDyn_SrlHwAgVldTimer_mS_M_u32	89763	89763	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	173.679993	173.679993 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

est Step 2.12 (Repeat Count = 1)	Input Value
	target DtrmnElapsedTime mS u32 ElapsedTime
trmnElapsedTime_mS_u32(ElapsedTime) etSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
te Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	
	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
te_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	66.900015
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	86.900015
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.900001
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.9000015
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	29076
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	43868
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-177.479996
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000668000022
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-177.479996
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000668000022
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	98.0999985
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96.0999985
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6.5
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	41.0999985
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	32821
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	53946
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-177.479996
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.0003708
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-177.479996
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000798000023
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	66.099985
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	86.199969
ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	4.099999
ehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	52.2000008
ehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	29076
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	43868
ehDyn AutoCntrLoSpd M str.Timer1 mS u32	2967684784
ehDyn AutoCntrLoSpd M str.Timer2 mS u32	4211268631
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV HwDeg_str.SV Uls_f32	-177.479996
ehDyn_AutoCntrLoSpd_M_str.ReinwFosFilt1SV_nwbeg_str.Sv_0is_i32	2.8599995e-005
ehDyn_AutoChtrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.N_ois_i32	-177.479996
· - · ·	0.000668000022
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn ForceCenterEnabled Cnt M lgc	1

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Name	Input Value		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	414.085999		
VehDyn_MinOffset_HwDeg_M_f32	-1378.99805		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.30000019		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000260000001		
VehDyn_SLPHwAuth_Uls_M_f32	0.851999998		
VehDyn_SLPHwPos_HwDeg_M_f32	-1496.81006		
VehDyn_SrlHwAgVldTimer_mS_M_u32	2075080192		
k_HiSpdVDAuthority_Uls_f32	0.277799994		
k_HwTqMgnThd_HwNm_f32	2.0999999		
k_LoSpdVDAuthority_UIs_f32	0		
k_SrlHwAgVldTiThd_mS_u32	703		
k_SysKinRatio_MtrDegpHwDeg_f32	41.5		
k_TravelXCDeadband_Uls_f32	14.21		
k_TravelXCHwAuthority_UIs_f32	0.0264250003		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1662097408		
target_GetSystemTime_mS_u32_CurrentTime	4164171008		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	· <del>-</del>	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_UIs_f32	target_VehDyn_Per1_SensorlessAuthority_U target_VehDyn_Per1_SensorlessHwPos_Hv		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32		vDeg_i32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Ci		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1381.81006		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	473.403015		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	8.85000038		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.549988		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-177.479996		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1496.81006		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value			
Name	38.8800011		
Traino	38.8800011 Actual Value	Expected Value	Result
	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	Actual Value	1	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	Actual Value 1 2967684784	1 2967684784	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	Actual Value 1 2967684784 4211268631	1 2967684784 4211268631	<b>*</b>
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	Actual Value  1 2967684784 4211268631 -177.479996	1 2967684784 4211268631 -177.479996 ± 0.0009	<b>*</b>
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	Actual Value  1 2967684784 4211268631 -177.479996 -177.479996	1 2967684784 4211268631 -177.479996 ± 0.0009 -177.479996 ± 0.0009	<b>&gt;</b>
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	Actual Value  1 2967684784 4211268631 -177.479996	1 2967684784 4211268631 -177.479996 ± 0.0009	<b>&gt;</b>
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	Actual Value  1 2967684784 4211268631 -177.479996 -177.479996 1	1 2967684784 4211268631 -177.479996 ± 0.0009 -177.479996 ± 0.0009	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
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Name	Actual Value	Expected Value	Result
VehDyn_MinOffset_HwDeg_M_f32	-1204.33008	-1204.32996	✓
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.30071831	6.30071831 ± 0.000009	✓
VehDyn_SrlHwAgVldTimer_mS_M_u32	2075080192	2075080192	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	<b>✓</b>
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	523.470032	523.469971 ± 0.1	<b>✓</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lame	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	34.7999992
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	96.8000031
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.80000019
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	41.7999992
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	32821
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	53946
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758
	1024
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	731.700012
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	
	0.000669999979
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000669999979
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	665
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	106.5
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	63.4000015
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	40437
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	13059
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948758
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00041149999
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00079999998
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	34.2000008
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	96.0999985
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.19999981
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.0999985
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	32821
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	53946
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948758
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	731.700012
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.9000007e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00066999979
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0





Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-601.039978		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc			
VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	419.078003 -1372.31396		
VehDyn PinTrqSV M str.SV Uls f32	15.1999998		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000261000008		
VehDyn SLPHwAuth Uls M f32	0.837000012		
VehDyn_SLPHwPos_HwDeg_M_f32	-1486.55005		
VehDyn SrlHwAgVldTimer mS M u32	954802432		
k_HiSpdVDAuthority_Uls_f32	0.272780001		
k_HwTqMgnThd_HwNm_f32	3.0999999		
k_LoSpdVDAuthority_Uls_f32	1		
k_SrlHwAgVldTiThd_mS_u32	9000		
k_SysKinRatio_MtrDegpHwDeg_f32	63.0999985		
k_TravelXCDeadband_Uls_f32	15.6499996		
k_TraveIXCHwAuthority_Uls_f32	0.0276500005		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2127166208		
target_GetSystemTime_mS_u32_CurrentTime	437658624		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_ElapsedT$	4243378688		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u33\_CurrentTim$	954802432		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	/Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32	Im 100	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cr target_VehDyn_Per1_VehicleSpeed_Kph_f3.		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1375.55005	2	
target VehDyn Per1 CwEOT HwDeg f32.value	484.309998		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.10000038		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154.199997		
target VehDyn Per1 RelHwPos HwDeg f32.value	731.700012		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1486.55005		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	0		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	45.7900009		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758	3174948758	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024	1024	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	~
			•
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0 0	0	V
			V
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>V</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0 1 1	1	• •
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0 1 1 437658624 1024 731.700012	0 1 1 437658624 1024 731.700012 ± 0.0009	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0 1 1 437658624 1024 731.700012 731.700012	0 1 1 437658624 1024 731.700012 ± 0.0009 731.700012 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0 1 1 437658624 1024 731.700012 731.700012	0 1 1 437658624 1024 731.700012 ± 0.0009 731.700012 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0 1 1 437658624 1024 731.700012 731.700012 0	0 1 1 437658624 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0 1 1 437658624 1024 731.700012 731.700012 0 1	0 1 1 437658624 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0 1	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0 1 1 437658624 1024 731.700012 731.700012 0 1	0 1 1 437658624 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0 1	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0 1 1 437658624 1024 731.700012 731.700012 0 1 1 1 0 3174948758	0 1 1 437658624 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0 1 1 1 0 3174948758	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0 1 1 437658624 1024 731.700012 731.700012 0 1 1 1 0 3174948758	0 1 1 437658624 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0 1 1 1 0 3174948758	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0 1 1 437658624 1024 731.700012 731.700012 0 1 1 1 0 3174948758 1024 731.700012	0 1 1 437658624 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0 1 1 0 3174948758 1024 731.700012 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0 1 1 437658624 1024 731.700012 731.700012 0 1 1 1 0 3174948758 1024 731.700012	0 1 1 437658624 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0 1 1 0 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0 1 1 437658624 1024 731.700012 731.700012 0 1 1 0 3174948758 1024 731.700012 731.700012	0 1 1 1 437658624 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0 1 1 0 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0 1 1 437658624 1024 731.700012 731.700012 0 1 1 1 0 3174948758 1024 731.700012	0 1 1 437658624 1024 731.700012 ± 0.0009 731.700012 ± 0.0009 0 1 1 0 3174948758 1024 731.700012 ± 0.0009 731.700012 ± 0.0009	





Name	Actual Value	Expected Value	Result
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	✓
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	-247.390015	-247.389999	~
VehDyn_MinOffset_HwDeg_M_f32	-1372.31396	-1372.31396	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	15.1936579	15.1936579 ± 0.00009	<b>✓</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	954802432	954802432	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1332.73999	1332.73999 ± 0.1	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

ame	Input Value
trmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
etSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
te_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	
te_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	2.0999999
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.09998
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
ehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	63.099985
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	40437
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13059
ehDyn_AutoCntrDetSpd_M_str.Timer2+friesh_fris_u10 ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
	54822322
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-968.400024
enDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.Sv_Uis_f32 ehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K_Uis_f32	-968.400024 0.000671999995
enDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K_Uis_f32 ehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uis_f32	-968.400024
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000671999995
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	34.099985
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	116.099998
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	88.4000015
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3382212733
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-968.400024
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000452200009
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-968.400024
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000801999995
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	2.0999999
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	106.199997
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	63.2000008
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	40437
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	13059
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-968.400024
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.94000001e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-968.400024
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000671999995

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-501.130005		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	424.070007		
VehDyn_MinOffset_HwDeg_M_f32	-1365.63		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	14		
VehDyn PinTrqSV M str.K Uls f32	0.000261999987		
VehDyn SLPHwAuth Uls M f32	0.822000027		
VehDyn_SLPHwPos_HwDeg_M_f32	-1476.29004		
VehDyn_SrlHwAgVldTimer_mS_M_u32	2728878080		
k_HiSpdVDAuthority_Uls_f32	0.89999976		
k_HwTqMgnThd_HwNm_f32	4.0999999		
k_LoSpdVDAuthority_UIs_f32	0		
k_SrlHwAgVldTiThd_mS_u32	1000		
k SysKinRatio MtrDegpHwDeg f32	88.3000031		
k TravelXCDeadband Uls f32	17.0900002		
k_TraveIXCHwAuthority_UIs_f32	0.0288750008		
target DtrmnElapsedTime mS u32 ElapsedTime	4243378688		
target_GetSystemTime_mS_u32_CurrentTime	3941357312		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target VehDyn Per1 CcwEOT HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3:	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	- 3	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_C		
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kph f3		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1369.29004		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	495.21701		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	5.5		
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	-759.299988		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-968.400024		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target VehDyn Per1 SrlHwAg HwDeg f32.value	-1476.29004		
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	4.400001		
target VehDyn Per1 VehicleSpeedValid Cnt lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	456.140015		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1	1	Resul
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733	3382212733	
VehDyn_AutoCntrDetSpd_M_str.Timer1_ms_us2  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_us2	54822322	54822322	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-968.400024	-968.400024 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.Sv_Uls_f32	-968.400024 -968.400024	-968.400024 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	
VehDyn AutoCntrDetSpd M str.Filter1Enable_Cnt_lgc  VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt_lgc	1	1	
	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc			
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3941357312	3941357312	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322	54822322	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDog_str.SV_Uls_f32	-968.400024 068.400024	-968.400024 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-968.400024	-968.400024 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•

0

0

0

3941357312

-968.400024

-968.400024

54822322

0

0

0

3941357312

-968.400024 ± 0.0009

-968.400024 ± 0.0009

54822322

 $VehDyn\_AutoCntrLoSpd\_M\_str.Filter1Enable\_Cnt\_lgc$ 

VehDyn\_AutoCntrHiSpd\_M\_str.Filter2Enable\_Cnt\_lgc

 $VehDyn\_AutoCntrHiSpd\_M\_str.Filter1Initialized\_Cnt\_lgc$ 

VehDyn\_AutoCntrHiSpd\_M\_str.Filter2Initialized\_Cnt\_lgc VehDyn\_AutoCntrLoSpd\_M\_str.Timer1\_mS\_u32

VehDyn\_AutoCntrLoSpd\_M\_str.RelHwPosFilt1SV\_HwDeg\_str.SV\_Uls\_f32 VehDyn\_AutoCntrLoSpd\_M\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32

VehDyn\_AutoCntrLoSpd\_M\_str.Timer2\_mS\_u32





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	495.21701	495.21701	~
VehDyn_MinOffset_HwDeg_M_f32	-1369.29004	-1369.29004	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.9977865	13.9977865 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2728878080	2728878080	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.822000027	0.822000027 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	-

lame	Input Value
htrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
tte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	120.699997
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	116.699997
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.7000008
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	88.6999969
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	2291
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58929
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	109643620
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	49.4199982
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00067400001
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	49.4199982
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00067400001
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	2.5
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	126.099998
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.5
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75.5
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38868
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	57944
'ehDyn AutoCntrHiSpd M str.Timer1 mS u32	3589476707
ehDyn AutoCntrHiSpd M str.Timer2 mS u32	109643620
'ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	49.4199982
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000492900028
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	49.4199982
'ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.00080400001
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	1
/ehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	120.300003
ehDyn AutoCntrLoSpd M str.VehSpd kph f32	116.5
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.2999992
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	88.5
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	2291
ehbyn_AutoCntrLoSpd_M_str.TimerThresh_mS_u16	58929
ehDyn AutoCntrLoSpd M str.Timer1 mS u32	3589476707
ehDyn_AutoCntrLoSpd_w_str.Timer1_m3_u32	109643620

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	49.4199982		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.97999995e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	49.4199982		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00067400001		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-401.220001		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	429.062012		
VehDyn_MinOffset_HwDeg_M_f32	-1358.94604		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	8.89999962		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000262999994		
VehDyn_SLPHwAuth_Uls_M_f32	0.806999981		
VehDyn_SLPHwPos_HwDeg_M_f32	-1466.03003		
VehDyn_SrlHwAgVldTimer_mS_M_u32	824746752		
k_HiSpdVDAuthority_UIs_f32	1		
k_HwTqMgnThd_HwNm_f32	5.0999999		
k_LoSpdVDAuthority_UIs_f32	1		
k_SrlHwAgVldTiThd_mS_u32	20045		
k_SysKinRatio_MtrDegpHwDeg_f32	75.5		
k_TravelXCDeadband_Uls_f32	18.5300007		
k_TravelXCHwAuthority_Uls_f32	0.0300999992		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1050692864		
target_GetSystemTime_mS_u32_CurrentTime	3304439296		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	824746752		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	Jls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	/Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Ci		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1363.03003		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	506.123993		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-8.80000019		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-897.599976		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	49.4199982		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1466.03003		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-3.20000005		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	45.8699989		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707	3589476707	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	109643620	109643620	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	49.4199982	49.4199982 ± 0.00009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	49.4199982	49.4199982 ± 0.00009	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc			•
	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32			-
	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1 3304439296	1 3304439296	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1 3304439296 109643620	1 3304439296 109643620	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 3304439296 109643620 49.4199982	1 3304439296 109643620 49.4199982 ± 0.00009	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	1 3304439296 109643620 49.4199982 49.4199982	1 3304439296 109643620 49.4199982 ± 0.00009 49.4199982 ± 0.00009	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1 3304439296 109643620 49.4199982 49.4199982 0	1 3304439296 109643620 49.4199982 ± 0.00009 49.4199982 ± 0.00009	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1 3304439296 109643620 49.4199982 49.4199982 0	1 3304439296 109643620 49.4199982 ± 0.00009 49.4199982 ± 0.00009 0	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1 3304439296 109643620 49.4199982 49.4199982 0 1	1 3304439296 109643620 49.4199982 ± 0.00009 0 1	•



Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	49.4199982	49.4199982 ± 0.00009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	49.4199982	49.4199982 ± 0.00009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	•
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	506.123993	506.123993	~
VehDyn_MinOffset_HwDeg_M_f32	-1363.03003	-1363.03003	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	8.89533329	8.89533329 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	824746752	824746752	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	•
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	450.640015	450.640015 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	<b>~</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.16 (Repeat Count = 1)	Innert Value
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	56.0999985
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	64.0999985
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	45.0999985
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	29076
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	43868
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1415.88
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000730000029
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1415.88
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000730000029
/ehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1
/ehDyn AutoCntrDetSpd M str.Filter2Enable Cnt Igc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoOntrDetSpd_M_str.Filter2Initialized_Ont_igc	0
/ehDyn_AutoChtrHiSpd_M_str.MtrVel_MtrRadpS_f32	456
· - · · · -	255
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	11
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.1999981
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52.2000008
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21335
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	34188
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1415.88
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000530000019
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1415.88
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000859999971
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	ī
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	56.7000008
/ehDyn AutoCntrLoSpd M str.VehSpd kph f32	64.0999985
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.6999981
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	45.099985
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	29076
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	43868

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	Deg_f32		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilit1SV_HwDeg_str.SV_Uls_f32         2553156835           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilit1SV_HwDeg_str.SV_Uls_f32         -1415.88           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilit2SV_HwDeg_str.SV_Uls_f32         4.0999993e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilit2SV_HwDeg_str.SV_Uls_f32         0.000730000029           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         0           VehDyn_ForceCenterOffset_HwDeg_M_f32         -800.859985           VehDyn_HispdLeamt_Cnt_M_lgc         0           VehDyn_LoSpdLeamt_Cnt_M_lgc         0           VehDyn_LoSpdLeamt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         568.838013           VehDyn_MinOffset_HwDeg_M_f32         -1171.79395           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.38699995           VehDyn_SLPHwPos_HwDeg_M_f32         -14.8000002           VehDyn_SI-HwAgVIdTime_m_s_M_u32	Deg_f32		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32         -1415.88           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32         4.09999993e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32         -1415.88           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32         0.000730000029           VehDyn_AutoCntrLoSpd_M_str.Fiiter1Enable_Cnt_Igc         0           VehDyn_AutoCntrLoSpd_M_str.Fiiter1Initialized_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_Igc         0           VehDyn_ForceCenterCnabled_Cnt_M_Igc         0           VehDyn_ForceCenterOffset_HwDeg_M_f32         -800.859985           VehDyn_IniSpdLeamt_Cnt_M_Igc         0           VehDyn_IniSpdLeamt_Cnt_M_Igc         0           VehDyn_IniOffset_HwDeg_M_f32         568.838013           VehDyn_IniTiqSv_M_str.Sv_Uls_f32         -1171.79395           VehDyn_PinTrqSv_M_str.K_Uls_f32         -148.8000002           VehDyn_PinTrqSv_M_str.K_Uls_f32         0.00038199992           VehDyn_StPHwAufu_Uls_M_f32         -1178.75           VehDyn_StHwAgVIdTimer_mS_M_u32         123           K_HispdVDAuthority_Uls_f32         0           K_DyskinRatio_MtrDegpHwDeg_f32         88.999985 <td>Deg_f32</td> <td></td>	Deg_f32		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32         4.09999993e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         -1415.88           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         0.000730000029           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc         1           VehDyn_ForceCenterEnabled_Cnt_M_Igc         0           VehDyn_ForceCenterEnabled_Cnt_M_Igc         0           VehDyn_ForceCenterCffset_HwDeg_M_f32         -800.859985           VehDyn_Initialize_Cnt_M_Igc         0           VehDyn_Initialize_Cnt_M_Igc         0           VehDyn_LoSpdLeamt_Cnt_M_Igc         0           VehDyn_MaxOffset_HwDeg_M_f32         568.838013           VehDyn_InitrGv_M_str.KV_Uls_f32         -1177.79395           VehDyn_PinTrqSV_M_str.KV_Uls_f32         -1177.79395           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.00036199992           VehDyn_SI-PHwAuth_Uls_M_f32         0.386999995           VehDyn_SI-PHwPos_HwDeg_M_f32         -1178.75           VehDyn_SI-PHwPos_HwDeg_M_f32         1178.75           VehDyn_SI-PHWPos_HwDeg_f32         1           K_INSpdVDAuthority_Uls_f32         <	Deg_f32		
VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFitit2SV_HwDeg_str.SV_Uls_f32         -1415.88           VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFitit2SV_HwDeg_str.K_Uls_f32         0.000730000029           VehDyn_AutoCntrLoSpd_M_str.Fitter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Fitter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Fitter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Fitter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         0           VehDyn_ForceCenterOffset_HwDeg_M_f32         -800.859985           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MxOffset_HwDeg_M_f32         -11717.79395           VehDyn_MinOffset_HwDeg_M_f32         -11717.79395           VehDyn_SLPHwAuth_Uls_M_f32         -14.8000002           VehDyn_SLPHwAuth_Uls_M_f32         0.386999995           VehDyn_SLPHwPos_HwDeg_M_f32         -1178.75           VehDyn_SlHwPos_HwDeg_M_f32         -1778.75           VehDyn_SlHwAgyldTimer_mS_M_u32         123           k_HiSpdVDAuthority_Uls_f32         0.999000013           k_HwTagMgnThd_HwMm_f32         1           k_TravelXCDeadband_Uls_f32         8.80999985	Deg_f32		
VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFitl2SV_HwDeg_str.K_Uls_f32         0.000730000029           VehDyn_AutoCntrLoSpd_M_str.Fitler1Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Fitler2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Fitler2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Fitler2Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         0           VehDyn_ForceCenterOffset_HwDeg_M_f32         -800.859985           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         568.838013           VehDyn_MinOffset_HwDeg_M_f32         -1171.73935           VehDyn_PinTrqSV_M_str.K_Uls_f32         -14.8000002           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000361999992           VehDyn_SLPHwAuth_Uls_M_f32         -1178.75           VehDyn_SLPHwDeg_HwDeg_M_f32         -1178.75           VehDyn_StHWAgyIdTimer_mS_M_u32         123           k_HiSpdVDAuthority_Uls_f32         0.999000013           k_HwTqMgnThd_HwNm_f32         1           k_LoSpdVDAuthority_Uls_f32         0           k_TravelXCDeadband_Uls_f32         88.0999985           k_TravelXCDeadband_Uls_f32 </td <td>Deg_f32</td> <td></td>	Deg_f32		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         0           VehDyn_ForceCenterOffset_HwDeg_M_f32         -800.859985           VehDyn_ForceCenterOffset_HwDeg_M_f32         0           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MinOffset_HwDeg_M_f32         -1171.79395           VehDyn_SindClose_M_f32         -14.800002           VehDyn_SIPMWauth_Us_M_f32         0.386999995           VehDyn_SIPMWauth_Orly_Ms_f32         1178.75           VehDyn_SIPMWauth_Orly_Ms_f32         0.999	Deg_f32		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         0           VehDyn_ForceCenterEnabled_Cnt_M_lgc         0           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         568.838013           VehDyn_MinOffset_HwDeg_M_f32         -1177.73935           VehDyn_PinTrqSV_M_str.SV_Uls_f32         -14.8000002           VehDyn_PinTrqSV_M_str.SV_Uls_f32         0.000361999992           VehDyn_SLPHwAuth_Uls_M_f32         0.386999995           VehDyn_SLPHwPos_HwDeg_M_f32         -1178.75           VehDyn_SIHWAgVIdTimer_mS_M_u32         123           k_HiSpdVDAuthority_Uls_f32         0.999000013           k_HiSpdVDAuthority_Uls_f32         0           k_LoSpdVDAuthority_Uls_f32         1           k_SriHwAgVIdTiThd_mS_u32         1           k_SyskinRatio_MtrDepgHwDeg_f32         88.099985           k_TravelXCDeadband_Uls_f32         88.099985           k_TravelXCHwAuthority_Uls_f32         0.0644000024           target_GetSystemTime_	Deg_f32		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         0           VehDyn_FliSpdLeamt_Cnt_M_lgc         0           VehDyn_HiSpdLeamt_Cnt_M_lgc         0           VehDyn_LoSpdLeamt_Cnt_M_lgc         0           VehDyn_LoSpdLeamt_Cnt_M_lgc         0           VehDyn_LoSpdLeamt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         568.838013           VehDyn_MinOffset_HwDeg_M_f32         -1171.79395           VehDyn_MinOffset_HwDeg_M_f32         -14.8000002           VehDyn_PinTrqSV_M_str.K_Ulls_f32         0.000361999992           VehDyn_SLPHwAgth_Ulls_M_f32         0.386999995           VehDyn_SLPHwPos_HwDeg_M_f32         -1178.75           VehDyn_StrHwAgVIdTimer_mS_M_u32         123           k_HiSpdVDAuthority_Ulls_f32         0.999000013           k_HwTqMgnThd_HwNm_f32         1           k_LoSpdVDAuthority_Ulls_f32         0           k_SyskinRatio_MtrDegpHwDeg_f32         88.099985           k_TravelXCDeadband_ulls_f32         88.099985           k_TravelXCHwAuthority_Ulls_f32         88.49985           k_TravelXCHwAuthority_Ulls_f32         88.849985           k_TravelXCHwAuthori	Deg_f32		
VehDyn_ForceCenterEnabled_Cnt_M_Igc         0           VehDyn_ForceCenterOffset_HwDeg_M_f32         -800.859985           VehDyn_HiSpdLearnt_Cnt_M_Igc         0           VehDyn_LoSpdLearnt_Cnt_M_Igc         0           VehDyn_MaxOffset_HwDeg_M_f32         568.838013           VehDyn_MinOffset_HwDeg_M_f32         -1171.79395           VehDyn_MinOffset_HwDeg_M_f32         -1171.79395           VehDyn_PinTrqSV_M_str.SV_UIs_f32         -14.8000002           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.000361999992           VehDyn_SLPHwAuth_UIs_M_f32         0.386999995           VehDyn_SLPHwPos_HwDeg_M_f32         -1178.75           VehDyn_SIPHwAgVIdTimer_mS_M_u32         123           k_HiSpdVDAuthority_UIs_f32         0.999000013           k_HYTQMgnThd_HwNm_f32         1           k_LoSpdVDAuthority_UIs_f32         0           k_SysKinRatio_MtrDegpHwDeg_f32         88.099985           k_TravelXCDeadband_UIs_f32         88.099985           k_TravelXCHwAuthority_UIs_f32         0.0644000024           k_TravelXCHwAuthority_UIs_f32         0.0644000024           k_TravelXCHwAuthority_UIs_f32         3941357312           target_Re_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_CurrentTime         3941357312           target_Re_Call_Ap_VehDyn_SystemTime_DetSystemTime_mS_u3	Deg_f32		
VehDyn_ForceCenterOffset_HwDeg_M_f32         -800.859985           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         568.838013           VehDyn_MinOffset_HwDeg_M_f32         -1171.79395           VehDyn_PinTrqSV_M_str.SV_Uls_f32         -14.8000002           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000361999992           VehDyn_SLPHwAuth_Uls_M_f32         0.386999995           VehDyn_SLPHwPos_HwDeg_M_f32         -1178.75           VehDyn_SirlHwAgVidTimer_mS_M_u32         123           k_HiSpdVDAuthority_Uls_f32         0.999000013           k_HwTqMgnThd_HwNm_f32         1           k_LoSpdVDAuthority_Uls_f32         0           k_SyskinRatio_MtrDegpHwDeg_f32         88.099985           k_TravelXCDeadband_Uls_f32         88.099985           k_TravelXCDeadband_Uls_f32         58.8499985           k_TravelXCHwAuthority_Uls_f32         0.0644000024           target_DtrmnElapsedTime_mS_u32_ElapsedTime         2478427648           target_GetSystemTime_mS_u32_CurrentTime         3941357312           target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_CurrentTime         123           target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         123           target	Deg_f32		
VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         568.838013           VehDyn_MinOffset_HwDeg_M_f32         -1171.79395           VehDyn_PinTrqSV_M_str.SV_Uls_f32         -14.8000002           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000361999992           VehDyn_SLPHwAuth_Uls_M_f32         0.386999995           VehDyn_SLPHwAps_HwDeg_M_f32         -1178.75           VehDyn_SrlHwAgVIdTimer_mS_M_u32         123           k_HiSpdVDAuthority_Uls_f32         0.999000013           k_HwTqMgnThd_HwNm_f32         1           k_LoSpdVDAuthority_Uls_f32         0           k_SysKinRatio_MtrDegpHwDeg_f32         88.0999985           k_TravelXCDeadband_Uls_f32         88.0999985           k_TravelXCDeadband_Uls_f32         58.8499985           k_TravelXCHwAuthority_Uls_f32         0.0644000024           target_DtrmnElapsedTime_mS_u32_CurrentTime         2478427648           target_GetSystemTime_mS_u32_CurrentTime         39941357312           target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         123           target_Rte_lnst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32         target_VehDyn_Per1_CcwEOT_HwDeg_f32           target_Nebyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_HwTorque_HwNm_f32	Deg_f32		
VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         568.838013           VehDyn_MinOffset_HwDeg_M_f32         -1171.79395           VehDyn_PinTrqSV_M_str.SV_Uls_f32         -14.8000002           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000361999992           VehDyn_SLPHwAuth_Uls_M_f32         0.386999995           VehDyn_SLPHwPos_HwDeg_M_f32         -1178.75           VehDyn_SrlHwAgVldTimer_mS_M_u32         123           k_HiSpdVDAuthority_Uls_f32         0.999000013           k_HwTqMgnThd_HwNm_f32         1           k_LoSpdVDAuthority_Uls_f32         0           k_SysKinRatio_MtrDegpHwDeg_f32         88.0999985           k_SysKinRatio_MtrDegpHwDeg_f32         88.0999985           k_TraveIXCDeadband_Uls_f32         88.0999985           k_TraveIXCHwAuthority_Uls_f32         0.0644000024           target_DtrmnElapsedTime_mS_u32_ElapsedTime         2478427648           target_GetSystemTime_mS_u32_CurrentTime         3941357312           target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_ElapsedTime         123           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_HwTorque_Hw </td <td>Deg_f32</td> <td></td>	Deg_f32		
VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         568.838013           VehDyn_MinOffset_HwDeg_M_f32         -1171.79395           VehDyn_PinTrqSV_M_str.SV_Uls_f32         -14.800002           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000361999992           VehDyn_SLPHwAuth_Uls_M_f32         0.386999995           VehDyn_SLPHwPos_HwDeg_M_f32         -1178.75           VehDyn_SrlHwAgVldTimer_mS_M_u32         123           k_HiSpdVDAuthority_Uls_f32         0.999000013           k_HwTqMgnThd_HwNm_f32         1           k_LoSpdVDAuthority_Uls_f32         0           k_SrlHwAgVldTiThd_mS_u32         0           k_SrlHwAgVldTiThd_mS_u32         0           k_SysKinRatio_MtrDegpHwDeg_f32         88.0999985           k_TravelXCDeadband_Uls_f32         88.0999985           k_TravelXCDeadband_Uls_f32         0.0644000024           k_TravelXCHwAuthority_Uls_f32         0.0644000024           target_GetSystemTime_mS_u32_ElapsedTime         2478427648           target_GetSystemTime_mS_u32_ElapsedTime         3941357312           target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         123           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_VehDyn_Per1_D	Deg_f32		
VehDyn_MaxOffset_HwDeg_M_f32         568.838013           VehDyn_MinOffset_HwDeg_M_f32         -1171.79395           VehDyn_PinTrqSV_M_str.SV_Uls_f32         -14.8000002           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000361999992           VehDyn_SLPHwAuth_Uls_M_f32         0.386999995           VehDyn_SLPHwPos_HwDeg_M_f32         -1178.75           VehDyn_SrlHwAgVldTimer_mS_M_u32         123           k_HiSpdVDAuthority_Uls_f32         0.999000013           k_HwTqMgnThd_HwNm_f32         1           k_LoSpdVDAuthority_Uls_f32         0           k_SysKinRatio_MtrDegpHwDeg_f32         88.0999985           k_TravelXCDeadband_Uls_f32         58.8499985           k_TravelXCHwAuthority_Uls_f32         0.0644000024           target_DtrmnElapsedTime_mS_u32_ElapsedTime         2478427648           target_GetSystemTime_mS_u32_CurrentTime         3941357312           target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime         123           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32         target_VehDyn_Per1_CcwEOT_HwDeg_f32           target_NehDyn.VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_HwTorque_HwNm_f32	Deg_f32		
VehDyn_MinOffset_HwDeg_M_f32         -1171.79395           VehDyn_PinTrqSV_M_str.SV_Uls_f32         -14.8000002           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000361999992           VehDyn_SLPHwAuth_Uls_M_f32         0.386999995           VehDyn_SLPHwPos_HwDeg_M_f32         -1178.75           VehDyn_SrlHwAgVldTimer_mS_M_u32         123           k_HiSpdVDAuthority_Uls_f32         0.999000013           k_HwTqMgnThd_HwNm_f32         1           k_LoSpdVDAuthority_Uls_f32         0           k_SrlHwAgVldTiThd_mS_u32         70           k_SysKinRatio_MtrDegpHwDeg_f32         88.0999985           k_TravelXCDeadband_Uls_f32         88.0999985           k_TravelXCHwAuthority_Uls_f32         0.0644000024           target_DtrmnElapsedTime_mS_u32_ElapsedTime         2478427648           target_GetSystemTime_mS_u32_CurrentTime         3941357312           target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime         123           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32         target_VehDyn_Per1_CcwEOT_HwDeg_f32           target_NehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_HwTorque_HwNm_f32	Deg_f32		
VehDyn_PinTrqSV_M_str.SV_UIs_f32         -14.8000002           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.000361999992           VehDyn_SLPHwAuth_UIs_M_f32         0.386999995           VehDyn_SLPHwPos_HwDeg_M_f32         -1178.75           VehDyn_SrlHwAgVldTimer_mS_M_u32         123           k_HiSpdVDAuthority_UIs_f32         0.999000013           k_HwTqMgnThd_HwNm_f32         1           k_LoSpdVDAuthority_UIs_f32         0           k_SrlHwAgVldTiThd_mS_u32         70           k_SysKinRatio_MtrDegpHwDeg_f32         88.0999985           k_TravelXCDeadband_UIs_f32         58.8499985           k_TravelXCHwAuthority_UIs_f32         0.0644000024           target_DtrmnElapsedTime_mS_u32_ElapsedTime         2478427648           target_GetSystemTime_mS_u32_CurrentTime         3941357312           target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime         123           target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         123           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32         target_VehDyn_Per1_CcwEOT_HwDeg_f32           target_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_HwTorque_HwNm_f32	Deg_f32		
VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000361999992           VehDyn_SLPHwAuth_Uls_M_f32         0.386999995           VehDyn_SLPHwPos_HwDeg_M_f32         -1178.75           VehDyn_SrlHwAgVldTimer_mS_M_u32         123           k_HiSpdVDAuthority_Uls_f32         0.99900013           k_HwTqMgnThd_HwNm_f32         1           k_LoSpdVDAuthority_Uls_f32         0           k_SrlHwAgVldTiThd_mS_u32         70           k_SysKinRatio_MtrDegpHwDeg_f32         88.099985           k_TravelXCDeadband_Uls_f32         58.849985           k_TravelXCHwAuthority_Uls_f32         0.0644000024           target_DtrmnElapsedTime_mS_u32_ElapsedTime         2478427648           target_GetSystemTime_mS_u32_CurrentTime         3941357312           target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime         123           target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         123           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32         target_VehDyn_Per1_CcwEOT_HwDeg_f32           target_VehDyn_Per1_MwTorque_HwNm_f32         target_VehDyn_Per1_HwTorque_Hw	Deg_f32		
VehDyn_SLPHwAuth_Uls_M_f32         0.386999995           VehDyn_SLPHwPos_HwDeg_M_f32         -1178.75           VehDyn_SrlHwAgVldTimer_mS_M_u32         123           k_HiSpdVDAuthority_Uls_f32         0.999000013           k_HwTqMgnThd_HwNm_f32         1           k_LoSpdVDAuthority_Uls_f32         0           k_SrlHwAgVldTiThd_mS_u32         70           k_SysKinRatio_MtrDegpHwDeg_f32         88.099985           k_TraveIXCDeadband_Uls_f32         58.8499985           k_TraveIXCHwAuthority_Uls_f32         0.0644000024           target_DtrmnElapsedTime_mS_u32_ElapsedTime         2478427648           target_GetSystemTime_mS_u32_CurrentTime         3941357312           target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime         123           target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         123           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32         target_VehDyn_Per1_CcwEOT_HwDeg_f32           target_NehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_HwTorque_HwNm_f32	Deg_f32		
VehDyn_SrlHwAgVldTimer_mS_M_u32  k_HiSpdVDAuthority_Uls_f32  k_LoSpdVDAuthority_Uls_f32  k_LoSpdVDAuthority_Uls_f32  k_SrlHwAgVldTiThd_mS_u32  k_SysKinRatio_MtrDegpHwDeg_f32  k_SysKinRatio_MtrDegpHwDeg_f32  k_TravelXCDeadband_Uls_f32  k_TravelXCHwAuthority_Uls_f32  target_DtrmnElapsedTime_mS_u32_ElapsedTime  target_GetSystemTime_mS_u32_CurrentTime  target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi  target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32  target_VehDyn_Per1_CmEOT_HwDeg_f32  target_VehDyn_Per1_HwTorque_HwNm_f32  target_VehDyn_Per1_HwTorque_HwNm_f32	Deg_f32		
k_HiSpdVDAuthority_Uls_f32 0.999000013   k_HwTqMgnThd_HwNm_f32 1   k_LoSpdVDAuthority_Uls_f32 0   k_SrlHwAgVIdTiThd_mS_u32 70   k_SysKinRatio_MtrDegpHwDeg_f32 88.0999985   k_TraveIXCDeadband_Uls_f32 58.8499985   k_TraveIXCHwAuthority_Uls_f32 0.0644000024   target_DtrmnElapsedTime_mS_u32_ElapsedTime 2478427648   target_GetSystemTime_mS_u32_CurrentTime 3941357312   target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime 123   target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 123   target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32   target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32   target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwTo	Deg_f32		
k_HwTqMgnThd_HwNm_f32	Deg_f32		
k_LoSpdVDAuthority_Uls_f32 k_SrlHwAgVldTiThd_mS_u32	Deg_f32		
k_SrlHwAgVldTiThd_mS_u32  k_SysKinRatio_MtrDegpHwDeg_f32  k_TravelXCDeadband_Uls_f32  k_TravelXCHwAuthority_Uls_f32  target_DtrmnElapsedTime_mS_u32_ElapsedTime  target_GetSystemTime_mS_u32_CurrentTime  target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi  target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32  70  88.0999985  \$8.8499985  \$0.0644000024  2478427648  3941357312  309385728  123  target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime  123  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32  target_VehDyn_Per1_CwEOT_HwDeg_f32  target_VehDyn_Per1_CwEOT_HwDeg_f32  target_VehDyn_Per1_CwEOT_HwDeg_f32  target_VehDyn_Per1_HwTorque_HwNm_f32	Deg_f32		
k_SysKinRatio_MtrDegpHwDeg_f32 k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32	Deg_f32		
k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_Hw	Deg_f32		
k_TravelXCHwAuthority_Uls_f32 0.0644000024 target_DtrmnElapsedTime_mS_u32_ElapsedTime 2478427648 target_GetSystemTime_mS_u32_CurrentTime 3941357312 target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi 309385728 target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 123 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f42 target_VehDyn_Per1_CwEOT_HwDeg_f42 target_VehDyn_Per1_CwEOT_HwDeg_f42 target_VehDyn_Per1_CwEOT_HwDeg_f42 target_VehDyn_Per1_CwEOT_HwDeg_f42 target_	Deg_f32		
target_DtrmnElapsedTime_mS_u32_ElapsedTime 2478427648  target_GetSystemTime_mS_u32_CurrentTime 3941357312  target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi 309385728  target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 123  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f42 target_VehDyn_Per1_CwEOT_HwDeg_f42 target_VehDyn_Per1_CwEOT_HwDeg_f42 target_VehDyn_Per1_CwEOT_HwDeg_f42 target_VehDyn_Per1_CwEOT_HwDeg_f42 target_VehDyn_Per1_CwEOT_Hw	Deg_f32		
target_GetSystemTime_mS_u32_CurrentTime  target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi  target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32  target_VehDyn_Per1_CwEOT_HwDeg_f32  target_VehDyn_Per1_CwEOT_HwDeg_f32  target_VehDyn_Per1_CwEOT_HwDeg_f32  target_VehDyn_Per1_CwEOT_HwDeg_f32  target_VehDyn_Per1_CwEOT_HwDeg_f32  target_VehDyn_Per1_CwEOT_HwDeg_f32  target_VehDyn_Per1_CwEOT_HwDeg_f32  target_VehDyn_Per1_CwEOT_HwDeg_f32	Deg_f32		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32	Deg_f32		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	Deg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f42 target_MwNm_f42 target_VehDyn_Per1_HwTorque_HwNm_f42 target_WhTorque_HwNm_f42 target_WhTorque_Hw	Deg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32			
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32 target VehDyn Per1 MotorVelCRF	target_VehDyn_Per1_HwTorque_HwNm_f32		
	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_H			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHw target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc target_VehDyn_Per1_SrlHwAgVld_VehDyn_Per1_SrlHwAgVld_VehDyn_Per1_SrlHwAgVld_VehDyn_Per1_SrlHwAgVld_VehDyn_Per1_SrlHwAgVld_VehDyn_Per1_SrlHwAgVld_VehDyn_Per1_SrlHwAgVld_VehDyn_VehDyn_Per1_SrlHwAgVld_VehDyn_V			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_TorqueCmdC			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32	d_Kph_f32		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -1187.75			
target_VehDyn_Per1_CwEOT_HwDeg_f32.value 811.52002			
target_VehDyn_Per1_HwTorque_HwNm_f32.value 7.03000021			
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value -75.9000015			
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -1415.88			
target_VehDyn_Per1_SrlHwAgVId_Cnt_lgc.value 0 target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value -1178.75			
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value -7.30000019			
target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value			
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 230.820007			
Name Actual Value	Expected Value	Result	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 1	1	~	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2553156835	2553156835	•	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 2553156835	2553156835	~	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -1415.88	-1415.88 ± 0.0009	<b>✓</b>	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -1415.88	-1415.88 ± 0.0009	~	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1	1	<b>Y</b>	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1	1	<b>V</b>	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1	1	Ž	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc 0 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3941357312	0 3941357312	Ž	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3941357312  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2553156835	2553156835	- J	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -1415.88	-1415.88 ± 0.009		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -1415.88	-1415.88 ± 0.009		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc 0	0	·	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0	0	<b>~</b>	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 0	0	<b>✓</b>	
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1	1	✓	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3941357312	3941357312	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835	2553156835	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1415.88	-1415.88 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1415.88	-1415.88 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	811.52002	811.52002	~
VehDyn_MinOffset_HwDeg_M_f32	-1187.75	-1187.75	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.7921276	-14.7921276 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	123	123	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.386999995	0.386999995 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.17 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	86.3000031
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.2999992
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.2999992
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	78.3000031
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	32821
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	53946
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1081.09998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000731999986
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1081.09998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000731999986
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1.
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	566.099976
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	125.230003
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	11.3999996
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	62.5
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2760420809
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1081.09998
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000531999976
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1081.09998
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000861999986
/ehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	0
/ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	86.3000031
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	52.599985

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Name	Input Value			
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.2999992			
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	6			
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	32821			
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	53946			
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420809			
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1081.09998			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.13999987e-005			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1081.09998			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000731999986			
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1			
VehDyn_AutoCntrl.oSpd_M_str.Filter2Enable_Cnt_lgc	0			
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0			
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1			
VehDyn ForceCenterOffset HwDeg M f32	-700.950012			
VehDyn_HiSpdLearnt_Cnt_M_lgc	1			
VehDyn_Initialize_Cnt_M_lgc	1			
VehDyn_LoSpdLearnt_Cnt_M_lgc	1			
VehDyn MaxOffset HwDeg M f32	573.830017			
VehDyn_MinOffset_HwDeg_M_f32	-1165.10999			
VehDyn_PinTrqSV_M_str.SV_UIs_f32	17.7999992			
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000362999999			
VehDyn_SLPHwAuth_Uls_M_f32	0.372000009			
VehDyn_SLPHwPos_HwDeg_M_f32	-1168.48999			
VehDyn_SrlHwAgVldTimer_mS_M_u32	5477			
k_HiSpdVDAuthority_Uls_f32	0			
k_HwTqMgnThd_HwNm_f32	1.5			
k_LoSpdVDAuthority_UIs_f32	1			
k_SrlHwAgVldTiThd_mS_u32	456			
k_SysKinRatio_MtrDegpHwDeg_f32	75.0999985			
k_TravelXCDeadband_Uls_f32	60.2900009			
k_TravelXCHwAuthority_Uls_f32	0.065624997			
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4180236544			
target_GetSystemTime_mS_u32_CurrentTime	3304439296			
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_target_Rte_Call_Ap_VehDyn_SystemTime_OctOutcomTime_end_0.000_countTime_end_0.0000_countTime_end_0.000_countTime_end_0.0000_countTime_				
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime				
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3			
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessAuthority Uls f32	target VehDyn Per1 SensorlessAuthority L			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	_		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	-0_		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	_ <del>-</del>		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1181.48999			
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	822.427002			
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.03999996			
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-900.01001			
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1081.09998			
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1			
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1168.48999			
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.2999995			
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1			
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	245.080002			
Name	Actual Value	Expected Value	Result	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	•	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809	2760420809	•	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809	2760420809	•	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1081.09998	-1081.09998 ± 0.009	•	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1081.09998	-1081.09998 ± 0.009	•	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•	
Vala Dun Auto Coto Data Cod M. de Elle-OF	0	0	•	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0		•	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0		
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1 3304439296	1 3304439296	-	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1081.09998	-1081.09998 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	-1081.09998	-1081.09998 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	573.830017	573.830017	~
VehDyn_MinOffset_HwDeg_M_f32	-100.390015	-100.389999	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	17.7960987	17.7961006 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	5477	5477	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-380.149963	-380.149994 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Namo	Input Value
Name	•
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	63.4000015
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	124.400002
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.3999996
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.4000015
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	8366
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	51002
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000725999998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000725999998
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	350.600006
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	147
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	15
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.0999985
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21364
/ehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	52716
/ehDyn AutoCntrHiSpd M str.Timer1 mS u32	2138628886
/ehDyn AutoCntrHiSpd M str.Timer2 mS u32	2138628886
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1123.40002
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000525999989
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1123.40002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000855999999
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_w_str.Filter2Initialized_Cnt_lgc	1

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Name	Input Value			
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	63.0999985			
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	124.199997			
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.2000008			
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.3000031			
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	8366			
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	51002			
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886			
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.02000005e-005			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000725999998			
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0			
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1			
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1			
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0			
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1			
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1000.67999			
VehDyn_HiSpdLearnt_Cnt_M_lgc	0			
VehDyn_Initialize_Cnt_M_lgc	1			
VehDyn_LoSpdLearnt_Cnt_M_lgc	0			
VehDyn_MaxOffset_HwDeg_M_f32	558.854004			
VehDyn_MinOffset_HwDeg_M_f32	-1185.16199			
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.5			
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000360000005			
VehDyn_SLPHwAuth_Uls_M_f32	0.416999996			
VehDyn_SLPHwPos_HwDeg_M_f32	-1199.27002			
VehDyn_SrlHwAgVldTimer_mS_M_u32	2728878080			
k_HiSpdVDAuthority_Uls_f32	1			
k_HwTqMgnThd_HwNm_f32	5.44999981			
k_LoSpdVDAuthority_UIs_f32	0.899999976			
k_SrlHwAgVldTiThd_mS_u32	4856			
k_SysKinRatio_MtrDegpHwDeg_f32	41.2999992			
k_TravelXCDeadband_Uls_f32	55.9700012			
k_TravelXCHwAuthority_UIs_f32	0.0619499981			
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4129141760	4129141760		
target_GetSystemTime_mS_u32_CurrentTime	4164171008			
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_ElapsedTim$	Ti 824746752			
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u33\_CurrentTim$	e 2728878080			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg	_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_	<u>f</u> 32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNr	n_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_Mt	rRadpS_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDe	eg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthor	rity_Uls_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPo	s_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_	<u>lgc</u>		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg	_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_	MtrNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedVal	d_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kp	h_f32		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1200.27002			
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	789.705994			
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.01000023			
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1118			
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1123.40002			
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1			
target_VehDyn_Per1_SriHwAg_HwDeg_f32.value	-1199.27002			
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.60000002			
target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value	0			
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	499.089996			
Name	Actual Value	Expected Value	Resul	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	, toda	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886	2138628886		
VehDyn AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn AutoCntrDetSpd M str.Timer2 mS u32	2138628886	2138628886		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009		
	1123.40002			
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32		1123.40002 ± 0.009		
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1		
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0		

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VehDyn\_AutoCntrHiSpd\_M\_str.Timer1\_mS\_u32

2015-09-15, 13:22:52+0530



Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4164171008	4164171008	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886	2138628886	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_Initialize_Cnt_M_lgc	1	1	•
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	-333.694031	-333.694	•
VehDyn_MinOffset_HwDeg_M_f32	-1185.16199	-1185.16199	•
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.5019697	1.5019697 ± 0.000009	•
VehDyn_SrlHwAgVldTimer_mS_M_u32	2728878080	2728878080	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	-
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600	1600 ± 0.1	•

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.19 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	700
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	255
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	20
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	100
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	60000
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	60000
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4294967295
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584786
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584786
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	700
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	255
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	20
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	100
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	60000
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	60000
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4294967295
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4294967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584786
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584786





	I		
Name VahDun AutoCatel liSad M atr Filterd Facility Cat. Inc.	Input Value		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	700		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	255		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	20		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	100		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	60000		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4294967295		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584786		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584786		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	1600		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	1440.10999		
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	2840 18.7999992		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00125584786		
VehDyn SLPHwAuth Uls M f32	1		
VehDyn_SLPHwPos_HwDeg_M_f32	1600		
VehDyn_SrlHwAgVldTimer_mS_M_u32	4294967295		
k_HiSpdVDAuthority_Uls_f32	1		
k_HwTqMgnThd_HwNm_f32	10		
k_LoSpdVDAuthority_UIs_f32	1		
k_SrlHwAgVldTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32	100000		
k TravelXCDeadband Uls f32	100		
k_TravelXCHwAuthority_UIs_f32	1		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4294967295		
target_GetSystemTime_mS_u32_CurrentTime	4294967295		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target VehDyn Per1 HwTorque HwNm f32	•	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3:		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	lls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	/Deg_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32	m #22	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_TorqueCmdCRF_MtrN target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_venDyn.VenDyn_Per1_venicieSpeed_valid_cnt_igc target_Rte_Inst_Ap_vehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3;		
target VehDyn Per1 CcwEOT HwDeg f32.value	-360		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1440.10999		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	10		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1118		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1600		
target_VehDyn_Per1_SrlHwAg.HwDog.f32.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1600 8.80000019		
target_VehDyn_Per1_rorqueCmdCRr_withNm_isz.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	511		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4294967295	4294967295	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295	4294967295	~

Name		Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCr	tr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_N	1_str.Timer1_mS_u32	4294967295	4294967295	•
VehDyn_AutoCntrDetSpd_N	1_str.Timer2_mS_u32	4294967295	4294967295	~
VehDyn_AutoCntrDetSpd_N	1_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	•
VehDyn_AutoCntrDetSpd_N	1_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	~
VehDyn_AutoCntrDetSpd_N	1_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_N	1_str.Filter2Enable_Cnt_lgc	1	1	~





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4294967295	4294967295	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4294967295	4294967295	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4294967295	4294967295	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295	4294967295	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	•
VehDyn_MaxOffset_HwDeg_M_f32	-159.890015	-159.889999	~
VehDyn_MinOffset_HwDeg_M_f32	2840	2840	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	18.7890587	18.7890587 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	4294967295	4294967295	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0	0 ± 0.1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	<b>~</b>

est Step 2.20 (Repeat Count = 1)	
lame	Input Value
etrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
tte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	457.299988
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.300003
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.2999992
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	12.3000002
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27401
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	383750110
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1576.71997
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000684000028
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1576.71997
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000684000028
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	200.100006
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	176
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	53.2999992
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	49475
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	38708
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	383750110
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1576.71997
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000696400006

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VehDyn\_Per1



Name	Input Value		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1576.71997		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000814000028		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	457.700012		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	166.600006		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.7000008		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.6000004		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	25532		
VehDyn_AutoCntrl_oSpd_M_str.Timer2Thresh_mS_u16	27401		
VehDyn_AutoCottrLoSpd_M_str.Timer1_mS_u32	54822322		
VehDyn_AutoCotrl oSpd_M_str.Timer2_mS_u32	383750110 1576.71997		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32	3.17999984e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1576.71997		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000684000028		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	98.3300018		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	454.022003		
VehDyn_MinOffset_HwDeg_M_f32	-1325.526		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.5999999		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000268000003		
VehDyn_SLPHwAuth_Uls_M_f32	0.731999993		
VehDyn_SLPHwPos_HwDeg_M_f32	-1414.72998		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1117112832		
k_HiSpdVDAuthority_Uls_f32	1		
k_HwTqMgnThd_HwNm_f32	0.119999997		
k_LoSpdVDAuthority_Uls_f32	0		
k_SrlHwAgVldTiThd_mS_u32	456		
k_SysKinRatio_MtrDegpHwDeg_f32	53.0999985		
k_TravelXCDeadband_Uls_f32	25.7299995		
k_TravelXCHwAuthority_Uls_f32	0.0362249985		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2728878080		
target_GetSystemTime_mS_u32_CurrentTime	2430672128		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_Elapsed$			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	· <del>-</del>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_UIs_f32	target_VehDyn_Per1_SensorlessAuthority_		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_H	wbeg_loz	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAg HwDeg f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f33	)	
target_Rte_Inst_Ap_VenDyn.VenDyn_Per1_SriHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_Mtrl		
target_Rte_Inst_Ap_venDyn_VenDyn_Per1_vehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_C	_	
target_Rte_Inst_Ap_vehDyn.VehDyn_Per1_vehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f		
target_Kte_Inst_Ap_venDyn.VenDyn_Per1_venIdeSpeed_Kpn_is2 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1331.72998	·•	
target_vehDyn_Per1_CwEOT_HwDeg_f32.value	560.658997		
target VehDyn Per1 HwTorque HwNm f32.value	6.25		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	0		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1576.71997		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1414.72998		
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	7.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	258.880005		
Name	Actual Value	Expected Value	Resul
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	1,554
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	54822322	54822322	
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	383750110	383750110	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1576.71997	1576.71997 ± 0.009	
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1576.71997	1576.71997 ± 0.009	

1576.71997

 $VehDyn\_AutoCntrDetSpd\_M\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32$ 

 $1576.71997 \pm 0.009$ 



Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2430672128	2430672128	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	383750110	383750110	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1576.71997	1576.71997 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1576.71997	1576.71997 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2430672128	2430672128	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	383750110	383750110	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1576.71997	1576.71997 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1576.71997	1576.71997 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	-1016.06097	-1016.06097	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-1325.526	-1325.526	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.59967661	7.59967661 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1117112832	1117112832	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1478.39001	1478.39001 ± 0.1	<b>✓</b>

Test Step Call Trace   ✓				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 CheckpointReached	1	-

Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTim
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	350.5
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.5
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.5
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	56.5
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000745999976
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000745999976
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	66.1999969
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	69
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7.0999999
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	41
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	0
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	12258

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Name	Input Value		
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4211268631		
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000546000025		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000875999976		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	350.899994		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	106.800003		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	8.89999962 56.7999992		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	25532		
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	27401		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.41999982e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000745999976		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1.58000004		
VehDyn HiSpdLearnt Cnt M Igc	0		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn LoSpdLearnt Cnt M Igc	0		
VehDyn_MaxOffset_HwDeg_M_f32	608.773987		
VehDyn_MinOffset_HwDeg_M_f32	-1118.32202		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.80000019		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000369999994		
VehDyn_SLPHwAuth_Uls_M_f32	0.26699999		
VehDyn_SLPHwPos_HwDeg_M_f32	-1096.67004		
VehDyn_SrlHwAgVldTimer_mS_M_u32	800969984		
k_HiSpdVDAuthority_UIs_f32 k_HwTqMgnThd_HwNm_f32	1.10000002		
k LoSpdVDAuthority Uls f32	0		
k_SrlHwAgVldTiThd_mS_u32	12		
k_SysKinRatio_MtrDegpHwDeg_f32	96.0999985		
k_TravelXCDeadband_Uls_f32	70.3700027		
k_TravelXCHwAuthority_Uls_f32	0.0741999969		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2339853824		
target_GetSystemTime_mS_u32_CurrentTime	3351443200		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_Elapsed$			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadg		
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	m_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cn		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1137.67004		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	898.776001		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.40999985 1100.43994		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1100.43994 1146.91003		
target_VenDyn_Per1_ReiHwPos_HwDeg_132.value target_VenDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1096.67004		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	38.6699982		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631	4211268631	✓
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631	4211268631	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	✓
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	✓
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3351443200	3351443200	✓
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631	4211268631	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	✓
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3351443200	3351443200	✓
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631	4211268631	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	✓
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	✓
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	✓
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	✓
VehDyn_Initialize_Cnt_M_lgc	1	1	✓
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	✓
VehDyn_MaxOffset_HwDeg_M_f32	898.776001	898.776001	✓
VehDyn_MinOffset_HwDeg_M_f32	-1137.67004	-1137.67004	✓
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.79365158	7.7936511 ± 0.000009	✓
VehDyn_SrlHwAgVldTimer_mS_M_u32	800969984	800969984	✓
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	✓
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1148.48999	1148.48999 ± 0.1	<b>✓</b>

Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.22 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	539.299988
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	186.300003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.3000002
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.3000031
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43128
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58869
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4290967295
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892860
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	355.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000688
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000688
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	498
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	196

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53759
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	18715
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4290967295
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892860
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	355.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000777799985
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000818
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	539.700012
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	186.600006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.6999998
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.5999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43128
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	58869
VehDyn_AutoCotrl oSpd_M_str.Timer1_mS_u32	4290967295
VehDyn_AutoCotrl oSpd_M_str.Timer2_mS_u32	2345892860
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDog_str.SV_Uls_f32	355.5
VehDyn_AutoCntrloSpd_M_str.RelHwPosFilt1SV_HwDog_str.K_Uls_f32	3.26000008e-005
VehDyn_AutoCntrloSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.5
VehDyn_AutoCntrloSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32	0.000688
VehDyn_AutoCntrl_oSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCotrl oSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCotrl oSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn ForceCenterOffset HwDeg M f32	298.149994
VehDyn HiSpdLearnt Cnt M Igc	0
VehDyn Initialize Cnt M Igc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	464.006012
VehDyn_MinOffset_HwDeg_M_f32	-1312.15796
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000002
VehDyn PinTrqSV M str.K Uls f32	0.00026999999
VehDyn_SLPHwAuth_Uls_M_f32	0.702000022
VehDyn SLPHwPos HwDeg M f32	-1394.20996
VehDyn SrlHwAgVldTimer mS M u32	3437401088
k HiSpdVDAuthority UIs f32	1
k_HwTqMgnThd_HwNm_f32	6.32000017
k LoSpdVDAuthority Uls f32	0.800000012
k SrlHwAgVldTiThd mS u32	987
k_SysKinRatio_MtrDegpHwDeg_f32	96.5
k TravelXCDeadband Uls f32	28.6100006
k TravelXCHwAuthority Uls f32	0.038674999
target DtrmnElapsedTime mS u32 ElapsedTime	309385728
target_GetSystemTime_mS_u32_CurrentTime	2269150976
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTi	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target VehDyn Per1 HwTorque HwNm f32
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target VehDyn Per1 RelHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target VehDyn Per1 SensorlessHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1319.20996
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	582.473022
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-7.11999989
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-900.450012
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	355.5
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1394.20996
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.60000002





Name	Input Value		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	156.550003		
Name	Actual Value	Expected Value	Resul
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4290967295	4290967295	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892860	2345892860	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	355.5	355.5 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.5	355.5 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2269150976	2269150976	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892860	2345892860	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	355.5	355.5 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.5	355.5 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2269150976	2269150976	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892860	2345892860	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	355.5	355.5 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.5	355.5 ± 0.0009	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	
VehDyn_Initialize_Cnt_M_lgc	1	1	•
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	
VehDyn_MaxOffset_HwDeg_M_f32	582.473022	582.473022	•
VehDyn_MinOffset_HwDeg_M_f32	-1319.20996	-1319.20996	
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60149491	-1.60149491 ± 0.000009	•
VehDyn_SrlHwAgVldTimer_mS_M_u32	3437401088	3437401088	
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	•
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	57.3500061	57.3499985 ± 0.1	

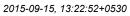
Test Step Call Trace			<b>✓</b>	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	~

Test Step 2.23 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	580.099976
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	196.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53759
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18715
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000690000015
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000690000015
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	539.299988
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	206
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.5
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	45.0999985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	14442
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-475.299988
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000818500004
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002 0.000820000016
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	580.119995
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	196.5
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.1199999
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.5
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53759
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	18715
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1078320779
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	267.709991
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.30000003e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	267.709991
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000690000015
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0 1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	398.059998
VehDyn_ForceCenterOffset_HwDeg_M_f32 VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_gc	
VehDyn_MaxOffset_HwDeg_M_f32	468.997986
VehDyn_MinOffset_HwDeg_M_f32	-1305.474
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.8000002
VehDyn PinTrgSV M str.K Uls f32	0.000270999997
VehDyn_SLPHwAuth_Uls_M_f32	0.686999977
VehDyn_SLPHwPos_HwDeg_M_f32	-1383.94995
VehDyn_SrlHwAgVldTimer_mS_M_u32	3494315776
k_HiSpdVDAuthority_Uls_f32	0
k_HwTqMgnThd_HwNm_f32	1
k_LoSpdVDAuthority_Uls_f32	0.699999988
k_SrlHwAgVldTiThd_mS_u32	16445
k_SysKinRatio_MtrDegpHwDeg_f32	45.099985
k_TravelXCDeadband_Uls_f32	30.0499992
k_TravelXCHwAuthority_Uls_f32	0.0399000011
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4164171008
target_GetSystemTime_mS_u32_CurrentTime	3533260288
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_DtrmnElapsedTime_mS_u32_ElapsedTime_DtrmnElapsedTime_mS_u32_ElapsedTime_DtrmnElapsedTime_mS_u32_ElapsedTime_DtrmnElapsedTime_mS_u32_ElapsedTime_DtrmnElapsedTime_mS_u32_ElapsedTime_DtrmnElapsedTime_mS_u32_ElapsedTime_DtrmnElapsedTime_mS_u32_ElapsedTime_DtrmnElapsedTime_mS_u32_ElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_mS_u32_ElapsedTime_DtrmnElapsedTime_	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_venDyn.VenDyn_Pen_mwTorque_nwnni_isz target_Rte_Inst_Ap_vehDyn.VehDyn_Pen1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
	0 _ 1 _ 0 _ · · · 0 - · · · · · · · · · · · · · · ·
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target VehDyn Per1 SrlHwAg HwDeq f32
	target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -1312.94995





Name	Input Value		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1600		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1383.94995		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	135.550003		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1078320779	1078320779	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835	2553156835	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3533260288	3533260288	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835	2553156835	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-475.299988	-475.299988 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1078320779	1078320779	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835	2553156835	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>~</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	•
VehDyn_MaxOffset_HwDeg_M_f32	593.380005	593.380005	~
VehDyn_MinOffset_HwDeg_M_f32	-1312.94995	-1312.94995	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.7981377	-14.7981377 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	3494315776	3494315776	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	<b>~</b>

Test Step Call Trace			<b>✓</b>	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.24 (Repeat Count = 1)	v v v v v v v v v v v v v v v v v v v
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	621.299988
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	206.199997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.20000005
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	45.2000008
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	14442
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-968.400024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000691999972
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-968.400024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000691999972

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lame	Input Value
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	580
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	216
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.099999
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	78.099985
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21364
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52716 2138628886
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-157.490005
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000859200023
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-378.170013
ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000821999973
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	621.5
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	206.210007
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.5
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	45.1199989
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.3399997e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000691999972
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc	1
ehDyn_ForceCenterEnabled_Cnt_M_lgc	1
ehDyn ForceCenterOffset HwDeg M f32	497.970001
ehDyn_HiSpdLearnt_Cnt_M_lgc	0
ehDyn Initialize Cnt M Igc	1
ehDyn_LoSpdLearnt_Cnt_M_lgc	0
ehDyn MaxOffset HwDeg M f32	473.98999
ehDyn MinOffset HwDeg M f32	-1298.79004
ehDyn_PinTrqSV_M_str.SV_UIs_f32	17.7999992
ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000272000005
ehDyn_SLPHwAuth_Uls_M_f32	0.671999991
ehDyn_SLPHwPos_HwDeg_M_f32	-1373.68994
ehDyn_SrlHwAgVldTimer_mS_M_u32	463842816
HiSpdVDAuthority_Uls_f32	1
_HwTqMgnThd_HwNm_f32	1.5
_LoSpdVDAuthority_Uls_f32	0.400000006
_SrlHwAgVldTiThd_mS_u32	32
_SysKinRatio_MtrDegpHwDeg_f32	78.0999985
_TravelXCDeadband_Uls_f32	31.4899998
_TravelXCHwAuthority_Uls_f32	0.0411249995
rget_DtrmnElapsedTime_mS_u32_ElapsedTime	437658624
arget_GetSystemTime_mS_u32_CurrentTime	812314880
rget_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_Elapsed	
rget_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
rget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
rget_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
rget_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
rget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
rget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
rget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
urget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
lrget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVId_Cnt_Igc lrget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
	target VehDyn Der1 TorqueCmdCDE MtrNm f22
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	





Name	Input Value		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-8.93999958		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	800.849976		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1600		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1373.68994		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.30000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	354.140015		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886	2138628886	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809	2760420809	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-968.400024	-968.400024 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-968.400024	-968.400024 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	812314880	812314880	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-157.490005	-157.490005 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-378.170013	-378.170013 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	812314880	812314880	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809	2760420809	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	-995.713013	-995.713013	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-1298.79004	-1298.79004	•
VehDyn_PinTrqSV_M_str.SV_UIs_f32	17.7926998	17.7927017 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	463842816	463842816	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1102.03003	1102.03003 ± 0.1	<b>~</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.25 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	0
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	0
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	0
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	0
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	0
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	0
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	0
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	0
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1600
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	0
VehDyn AutoCntrHiSpd M str.Filter1initialized Cnt. Igc	0
, = , = = = = = = = = = = = = = = = = =	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	0
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	0
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1600
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-2840
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-18.7999992
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51327106e-006
VehDyn SLPHwAuth Uls M f32	0
	-1600
VehDyn_SLPHwPos_HwDeg_M_f32 VehDyn_SrlHwAgVldTimer_mS_M_u32	-1600
	0
k_HiSpdVDAuthority_UIs_f32	
k_HwTqMgnThd_HwNm_f32	0
k_LoSpdVDAuthority_UIs_f32	0
k_SrlHwAgVldTiThd_mS_u32	0
k_SysKinRatio_MtrDegpHwDeg_f32	
k_TravelXCDeadband_Uls_f32	0
k_TravelXCHwAuthority_Uls_f32	0
target_DtrmnElapsedTime_mS_u32_ElapsedTime	0
target_GetSystemTime_mS_u32_CurrentTime	0
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_Elapsed$	1 0
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	0
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
0 /2 + : 2 / o / o. : quadonidoru _murun_ioz	0 1





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Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeed	Valid_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed	_Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1440.10999		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	360		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	0		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1118		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	0		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1600		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.80000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	0		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	✓
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	✓
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0	0	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	✓
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	✓
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	360	360	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

-1440.10999

-18.7999744

0

0

-1600

-1440.10999

-1600 ± 0.1

0 0 ± 0.004

-18.7999744 ± 0.00009

Test Step 2.26 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	124.300003
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	226.300003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.30000019
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.3000031
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	33198
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	7778

VehDyn\_MinOffset\_HwDeg\_M\_f32

VehDyn\_PinTrqSV\_M\_str.SV\_Uls\_f32

VehDyn\_SrlHwAgVldTimer\_mS\_M\_u32

target\_VehDyn\_Per1\_SensorlessAuthority\_Uls\_f32.value

target\_VehDyn\_Per1\_SensorlessHwPos\_HwDeg\_f32.value

2015-09-15, 13:22:52+0530



Name William Autochardenside M. pt. Fireter 1. no. 102 Worklow, Autochardenside M. pt. Fireter 1. no. 102 Wo		
VARIDAD   AUXILIARIA   M. SERRIFICATION   Mode at 50 U.S.   102	Name	Input Value
VAODY, ALLOCHOORSE M. des Patients Serial Visionery and V. Der 100         400           VANDY, ALLOCHOORSE M. des Patients Serial Visionery and V. Der 100         400           VARDY, ALLOCHOORSE M. des Patients Serial Visionery and V. Der 100         400           VARDY, ALLOCHOORSE M. des Patients Serial Visionery and V. Der 100         400           VARDY, ALLOCHOORSE M. des Patients Serial Visionery and V. Der 100         400           VARDY, ALLOCHOORSE M. Des Patients Serial Visionery and V. Der 100         400           VARDY, ALLOCHOORSE M. Des Patients Serial Visionery and V. Der 100         400           VARDY, ALLOCHOORSE M. Des Tribus V. Des Patients Serial Visionery and V. Des 100         400           VARDY, ALLOCHOORSE M. Des Tribus V. Des Patients Serial Visionery and V. Des 100         400           VARDY, ALLOCHOORSE M. Des Tribus V. Des 100         2100           VARDY, ALLOCHOORSE M. Des Tribus V. Des 100         2100           VARDY, ALLOCHOORSE M. Des Tribus V. Des 100         2100           VARDY, ALLOCHOORSE M. Des Tribus V. Des 100         2100           VARDY, ALLOCHOORSE M. Des Tribus V. Des 100         210           VARDY, ALLOCHOORSE M. Des Tribus V. Des 100         210           VARDY, ALLOCHOORSE M. Des Tribus V. Des 100         210           VARDY, ALLOCHOORSE M. Des Tribus V. Des 100         210           VARDY, ALLOCHOORSE M. Des Tribus V. Des 100         210 <td>VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32</td> <td>2553156835</td>	VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
Verboy, Auschandes by in Reinhersentints Verbogs park Usin 52  Verboy, Auschandes by in Reinhersentins Verbogs park Usin 52  Verboy, Auschandes by in Reinhersentins Verbogs park Usin 52  Verboy, Auschandes by in Reinhersentins Verbogs park Usin 52  Verboy, Auschandes by Usin Reinhersentins Verbogs park Usin 52  Verboy, Auschandes by Usin Reinhersentins Verbogs park Usin 52  Verboy, Auschandes by Usin Reinhersentins Verbogs park Usin 52  Verboy, Auschandes by Usin Reinhersentins Verbogs park Usin 52  Verboy, Auschandes by Usin Reinhersentins Chully State of Verbogs park Usin 52  Verboy, Auschandes by Usin Verbogs park Usin 52  Verboy, Auschandes by Usin Reinhersentins State 12  Verboy, Auschandes by Usin Reinhersentins State 13  Verboy, Auschandes by Usin Reinhersentins Verbogs park Usin 52  Verboy, Auschandes by Usin Reinhersentins Verbogs park Usin 52  Verboy, Auschandes by Usin Reinhersentins Verbogs park Usin 52  Verboy, Auschandes by Usin Reinhersentins Verbogs park Usin 52  Verboy, Auschandes by Usin Reinhersentins Verbogs park Usin 52  Verboy, Auschandes by Usin Reinhersentins Verbogs park Usin 52  Verboy, Auschandes by Usin Reinhersentins Verbogs park Usin 52  Verboy, Auschandes by Usin Reinhersentins Verbogs park Usin 52  Verboy, Auschandes by Usin Reinhersentins Verbogs park Usin 52  Verboy, Auschandes by Usin Reinhersentins Verbogs park Usin 52  Verboy, Auschandes by Usin Reinhersentins Verbogs park Usin 52  Verboy, Auschandes by Usin Reinhersentins Verbogs park Usin 52  Verboy, Auschandes by Usin Reinhersentins Verbogs park Usin 52  Verboy, Auschandes by Usin Reinhersentins Verbogs park Usin 52  Verboy, Auschandes by Usin Reinhersentins Verbogs park Usin 52  Verboy, Auschandes by Usin Reinhersentins Verbogs park Usin 52  Verboy, Auschandes by Usin Reinhersentins Verbogs park Usin 52  Verboy, Auschandes by Usin Reinhersentins Verbogs park Usin 52	VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758
VedOrp, Auschreibeige I, vir Beinherstrick J, Heining and V, Lis D.  VedOrp, Auschreibeige II, vir Beinherstrick J, Heining and V, Lis D.  VedOrp, Auschreibeige II, vir Beinherstrick J, Heining and V, Lis D.  VedOrp, Auschreibeige II, vir Beinherstrick J, Dr. Die VedOrp, Auschreibeige II, vir Beinherstrick J, Dr. Die VedOrp, Auschreibeige II, vir Beinherstrick J,	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-559.150024
Verbilly, Autoconfedency II, yes Printed Section Cort.go verbilly, Autoconfedency III, yes Printed Section Cort.go verbilly, Autoconfedency II	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000696000003
Veroling-Autocrafted   V. pr Filer Enterland Crit   ge	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-559.150024
VerDipt, Auschriches J. v. Effectivities Circ. go: 0 VerDipt, Auschriches J. v. Effectivities Circ. go: 2 VerDipt, Auschriches J. v. Effectivities Circ. go: 4 VerDipt, Auschriches J. v. Effec	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000696000003
VerDipt, Auschriches J. v. Effectivities Circ. go: 0 VerDipt, Auschriches J. v. Effectivities Circ. go: 2 VerDipt, Auschriches J. v. Effectivities Circ. go: 4 VerDipt, Auschriches J. v. Effec	VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1
Volby, Aucondebedged, M. et Parlaminations Cort ign         0           Verbiny, Aucondebedged, M. et Parlaminations Cort ign         0           Verbiny, Aucondebedge, M. et Verbing, Imp. 12         20           Verbiny, Aucondebedge, M. et Verbing, Imp. 12         20           Verbiny, Aucondebedge, M. et Verbing, Imp. 12         22           Verbiny, Aucondebedge, M. et Timer Three, Imp. 12         23           Verbiny, Aucondebedge, M. et Timer Three, Imp. 12         23           Verbiny, Aucondebedge, M. et Timer Three, Imp. 12         23           Verbiny, Aucondebedge, M. et Timer Three, Imp. 12         20           Verbiny, Aucondebedge, M. et Timer Three, Imp. 22         20           Verbiny, Aucondebedge, M. et Timer Three, Imp. 22         20           Verbiny, Aucondebedge, M. et Timer Three, Imp. 22         20           Verbiny, Aucondebedge, M. et Timer Three, Imp. 23         20           Verbiny, Aucondebedge, M. et Timer Three, Imp. 24         20           Verbiny, Aucondebedge, M. et Timer Three, Imp. 24         20           Verbiny, Aucondebedge, M. et Timer Three, Imp. 24         21           Verbiny, Aucondebedge, M. et Timer Three, Imp. 24         20           Verbiny, Aucondebedge, M. et Timer Three, Imp. 24         20           Verbiny, Aucondebedge, M. et Timer Three, Imp. 24         20           Verbiny, Aucondeb		1
Verbilly, Audiconfield, M. and Periconfield and Section (1999)  Verbilly, Audiconfield, M. and Verbilly and Audiconfield of the Verbilly Audiconfield of the Verb		0
Veology, Auscheristics, M., and World, Michaelps, 192 Veology, Auscheristics, M., and Sepherina, Heinburg, 193 Veology, Auscheristics, M., and Sepherina, Heinburg, 193 Veology, Auscheristics, M., and Sepherina, 193 Veology, Ausche		0
VeloPy-AutoCritisSep   Just Pathon   1922   325000019   VeloPy-AutoCritisSep   Just Tork Whoth   Mark Pathon   1923   32209992   VeloPy-AutoCritisSep   Just Tork Whoth   Mark Pathon   1923   32209992   VeloPy-AutoCritisSep   Just Treat Plane   Music Plane   VeloPy-AutoCritisSep   Just Treat Plane   VeloPy-AutoCritisSep   Just Tr		662.099976
Verboy AutoContributy   M. Incontributy   Windows   Verboy   Ver		
VANDOR ADSCRIPTION   M. F. TITHER TOTAL   M. S. 12   VANDOR ADSCRIPTION   M. F. TIT		
ValDyn_AutoCintedSpd_M_stTimedTriesh_mS_u16		
VenDyn Auscontinitipp M. withment press pus   VenDyn Auscontinitipp M. withment pus pus pus   VenDyn Auscontinitipp M. withment pus pus pus pus   VenDyn Auscontinitipp M. withment pus		
VenDyn AutoChristopd M. str Times*L mS_U32		
VANDPA_ARCONENSQ M_STRENDFORSY_NOR_STEV_NED_G_STEV_UIS_D2   VANDPA_ARCONENSQ M_STRENDFORSY_NOR_STEV_NED_G_STEV_UIS_D2   VANDPA_ARCONENSQ M_STRENDFORSY_NOR_STEV_NED_G_STEV_UIS_D2   VANDPA_ARCONENSQ M_STRENDFORSY_NOR_STEV_NED_G_STEV_UIS_D2   VANDPA_ARCONENSQ M_STRENDFORSY_NOR_STEV_NED_G_STEV_UIS_D2   VANDPA_ARCONENSQ M_STRENDFORSY_NOR_STEV_NED_G_STEV_UIS_D2   VANDPA_ARCONENSQ M_STEV_NED_G_STEV_NED_G_STEV_UIS_D2   VANDPA_ARCONENSQ M_STEV_NED_G_STEV_UIS_D2   VANDPA_ARCONENSQ M_STEV_UIS_D2   VANDPA_ARCONENSQ M_STEV		
Vielings   AutoChristisco   M. art Reinhorarististy   Modeg. att SV   Us   12   10000000000000000000000000000000		
Victory   AutoContricking   M. art Rethine Part   V. Us.   72		
Verbillon, AudochterSepd, M. are RehebroaritaSV, Hubolag att SV, Ulls 132 Verbillon, AudochterSepd, M. are FilterSerialse, Cell ge Verbillon, AudochterSepd, M. are FilterSerialsed, Cell ge Verbillon, Machinersen, Cell ge Verbillo		
Verbilder, Nucleothistique M. at Pitter Floris Dec. 1, 19.0 Verbil	, - ,	
Verbilby, Audochterised M. ast Faller Enable Cott (go  Verbilby, Audochterised M. ast Faller Intellational, Cott (go  Verbilby, Audochterised M. ast Verbilby ast (go)  Verbilby, Audochterised M. ast Verbilby ast (go)  Verbilby, Audochterised M. ast Verbilby ast (go)  Verbilby, Audochterised M. ast Cott (go)  Verbilby, Audochterised M. ast Timer Timerit, mS (go)  Verbilby, Audochterised M. ast Timer Timerit MSV (mS) (go)  Verbilby, Audochterised M. ast Timer Timerit MSV (mS) (go)  Verbilby, Audochterised M. ast Timer Timerit MSV (mS) (go)  Verbilby, Audochterised M. ast Timer Timerit MSV (mS) (go)  Verbilby, Audochterised M. ast Timer Timerit MSV (mS) (go)  Verbilby, Audochterised M. ast Timer Timerit MSV (mS) (go)  Verbilby, Audochterised M. ast Timer Timerit MSV (mS) (go)  Verbilby, Audochterised M. ast Timer Timerit MSV (mS) (go)  Verbilby, Audochterised M. ast Timer Timerit MSV (mS) (go)  Verbilby, Machalle MSV (mS)  Verbilby, MSV (mS)  Verbilby, MSV (m		
VerDing AutoChrist(Sey) M. ser Filter Clinidated. Chi Up;  VerDing AutoChrist(Sey) M. ser Filter Clinidated. Chi Up;  VerDing AutoChrist(Sey) M. ser Filter Clinidated. Chi Up;  VerDing AutoChrist(Sey) M. ser VerBeg VerDing AutoChrist(Sey) M. ser VerDing AutoChrist(Sey) M. ser Timer Three In St. 102  VerDing AutoChrist(Sey) M. ser Timer In St. 103  VerDing AutoChrist(Sey) M. ser Timer In St. 102  VerDing AutoChrist(Sey) M. ser ReleverSer Int St. Yubog, ser X. Ule, 132  VerDing AutoChrist(Sey) M. ser ReleverSer Int St. Yubog, ser X. Ule, 132  VerDing AutoChrist(Sey) M. ser ReleverSer Int St. Yubog, ser X. Ule, 132  VerDing AutoChrist(Sey) M. ser ReleverSer Int St. Yubog, ser X. Ule, 132  VerDing AutoChrist(Sey) M. ser ReleverSer Int St. Yubog, ser X. Ule, 132  VerDing AutoChrist(Sey) M. ser ReleverSer Int St. Yubog, ser X. Ule, 132  VerDing AutoChrist(Sey) M. ser ReleverSer Int St. Yubog, ser X. Ule, 132  VerDing AutoChrist(Sey) M. ser ReleverSer Int St. Yubog, ser X. Ule, 132  VerDing AutoChrist(Sey) M. ser ReleverSer Int St. Yubog, ser X. Ule, 132  VerDing AutoChrist(Sey) M. ser ReleverSer Int St. Yubog, ser X. Ule, 132  VerDing AutoChrist(Sey) M. ser ReleverSer Int St. Yubog, ser X. Ule, 132  VerDing AutoChrist(Sey) M. ser ReleverSer Int St. Yubog, ser X. Ule, 132  VerDing AutoChrist(Sey) M. ser ReleverSer Int St. Yubog, ser X. Ule, 132  VerDing AutoChrist(Sey) M. ser ReleverSer Int St. Yubog, ser X. Ule, 132  VerDing AutoChrist(Sey) M. ser ReleverSer Int St. Yubog, ser X. Ule, 132  VerDing AutoChrist(Sey) M. ser ReleverSer Int St. Yubog, ser X. Ule, 132  VerDing AutoChrist(Sey) M. ser ReleverS		
Verbip, AutoCriticSpd, M. striker (initialized, Cit, Up 1 Verbip, AutoCriticSpd, M. striker (initialized, Cit, Up 1 Verbip, AutoCriticSpd, M. striker (initialized, Cit, Up 1 Verbip, AutoCriticSpd, M. striker (initialized, Cit, Up 2 Verbip, AutoCriticSpd, M. striker (initialized, Cit, Up 3 Verbip, Initialized, Cit, M. up 3 Verbip, Initialized, Verbip, M. up 3 Verbip, Initialized, Verbip, M. up 3 Verbip, Initialized, Verbip, M. up 3 Verbip, I		
VenDyn_AusContrisSpd_M_stributerinalized_Cot_Up   VenDyn_AusContributerinalized_Cot_Up   VenD		
Verbityn, Austochnic sight, M. six Mirvel, Miracopis, Diz Verbityn, Austochnic sight, M. six Filler Ting, Hohm, 152 Verbityn, Austochnic sight, M. six Filler Ting, Hohm, 152 Verbityn, Austochnic sight, M. six Filler Tinesh, m. Six 152 Verbityn, Austochnic sight, M. six Timer Tinesh, m. Six 162 Verbityn, Austochnic sight, M. six Timer Tinesh, m. Six 162 Verbityn, Austochnic sight, M. six Timer Tinesh, m. Six 162 Verbityn, Austochnic sight, M. six Timer Tinesh, m. Six 162 Verbityn, Austochnic sight, M. six Timer Tiller six 162 Verbityn, Austochnic sight, M. six Timer Tiller six 162 Verbityn, Austochnic sight, M. six Timer Tiller six 162 Verbityn, Austochnic sight, M. six Relethros-Firit Six 140 Verbityn, Austochnic sight, M. six Firiter Enable, Circl, go Verbityn, Austochnic sight, M. six Firiter Enable, Circl, go Verbityn, Austochnic sight, M. six Firiter Enable, Circl, go Verbityn, Austochnic sight, M. six Firiter Enable, Circl, go Verbityn, Austochnic sight, M. six Firiter Enable, Circl, go Verbityn, Austochnic sight, M. six Firiter Enable, Circl, go Verbityn, Austochnic sight, M. six Firiter Enable, Circl, go Verbityn, Austochnic sight, M. six Firiter Enable, Circl, go Verbityn, Austochnic sight, M. six 162 Verbityn, Sizher Austochnic M. six 162 Verbityn, Sizher Austochnic Sight, M. six 162 Verbi		·
Verbiyn_AutoCrintisSpd_M_str_FiltPriTriq_NoNin_[52]	VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	
VerDiyn, AudochtusSpid, M. st. Friehring, Hohing, 12 VerDiyn, AudochtusSpid, M. st. Timer Threeth, mS. u16 VerDiyn, AudochtusSpid, M. st. RetherPosititisty, HvDoeg, str. Vulls, 132 VerDiyn, AudochtusSpid, M. st. RetherPosititisty, HvDoeg, str. Vulls, 132 VerDiyn, AudochtusSpid, M. st. RetherPosititisty, HvDoeg, str. Vulls, 132 VerDiyn, AudochtusSpid, M. st. RetherPosititisty, HvDoeg, str. Vulls, 132 VerDiyn, AudochtusSpid, M. st. RetherPosititisty, HvDoeg, str. Vulls, 132 VerDiyn, AudochtusSpid, M. st. RetherPosititisty, HvDoeg, str. Vulls, 132 VerDiyn, AudochtusSpid, M. st. RetherPosititisty, HvDoeg, str. Vulls, 132 VerDiyn, AudochtusSpid, M. st. Firetriinstitisted, Ort. Ugo VerDiyn, AudochtusSpid, M. st. Firetriinstitisted, Ort. Ugo VerDiyn, AudochtusSpid, M. st. Firetriinstitisted, Ort. Ugo VerDiyn, Institut, Or	VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	124.199997
VehDny, AusContinSopd, M., str. firmer/Threat, m.S., u16         3398           VehDny, AusContinSopd, M., str. firmer/Threat, m.S., u16         7778           VehDny, AusContinSopd, M., str. firmer/Lines, m.S., u16         255156835           VehDny, AusContinSopd, M., str. firmer/Lines, m.S., u12         377498758           VehDny, AusContinSopd, M., str. firmer/Lines, m.S., u12         3774998758           VehDny, AusContinSopd, M., str. firmer/DesiritSV Hobeg, str. Vulls, f22         3419999856-005           VehDny, AusContinSopd, M., str. firmer/DesiritSV Hobeg, str. Vulls, f22         3419999856-005           VehDny, AusContinSopd, M., str. firmer/DesiritSV Hobeg, str. Vulls, f22         000066000003           VehDny, AusContinSopd, M., str. firmer/DesiritSV Hobeg, str. Vulls, f22         00066000003           VehDny, AusContinSopd, M., str. firmer/DesiritSV Hobeg, str. Vulls, f22         00066000003           VehDny, AusContinSopd, M., str. firmer/DesiritSV Hobeg, str. Vulls, f22         1           VehDny, AusContinSopd, M., str. firmer/DesiritSV Hobeg, str. Vulls, f22         69778978           VehDny, DesiritSV Hobeg, M., f22         69778978           VehDny, DesiritSV Hobeg, M., f22         69778978           VehDny, DesiritSV Hobeg, M., f22         6900002           VehDny, DesiritSV Hobeg, M., f22         6900002           VehDny, DesiritSV, M., str. V., u16, f22         6900002           Ve	VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	226.100006
VerbOyn_AutoCntricSpd_M_str.Timer1Threat_mS_u16         31398           VerbOyn_AutoCntricSpd_M_str.Timer2Threat_mS_u32         255156835           VerbOyn_AutoCntricSpd_M_str.Timer2_mS_u32         3174986758           VerbOyn_AutoCntricSpd_M_str.Timer2_mS_u32         3174986758           VerbOyn_AutoCntricSpd_M_str.Timer2_mS_u32         3174986758           VerbOyn_AutoCntricSpd_M_str.PiterPostPittSV_Hobeg_str.V_UIs_f32         417479996           VerbOyn_AutoCntricSpd_M_str.PiterTenbel_Cnt_Ug_c         2           VerbOyn_AutoCntricSpd_M_str.PiterTenbel_Cnt_Ug_c         0           VerbOyn_AutoCntricSpd_M_str.PiterTenbel_Cnt_Ug_c         1           VerbOyn_AutoCntricSpd_M_str.PiterTenbel_Cnt_Ug_c         1           VerbOyn_AutoCntricSpd_M_str.PiterTenbel_Cnt_Ug_c         0           VerbOyn_AutoCntricSpd_M_str.PiterTenbel_Cnt_Ug_c         0           VerbOyn_AutoCntricSpd_M_str.PiterTenbel_Cnt_Ug_c         0           VerbOyn_Losd_camt_Cnt_M_lgc         0           VerbOyn_Losd_camt_Cnt_M_lgc         0           VerbOyn_Losd_camt_Cnt_M_lgc         0           VerbOyn_MiscNise_HwbGe_M_ls2         483,73999           VerbOyn_MiscNise_HwbGe_M_ls2         483,73999           VerbOyn_Losd_camt_Cnt_M_lgc         0           VerbOyn_MiscNise_HwbGe_M_ls2         30,000019           VerbOyn_MiscNise_HwbGe_M	VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.19999981
VerbOyn_AutoCntricSopd_M_str.Timer2_mS_u32         255156835           VerbOyn_AutoCntricSopd_M_str.Timer2_mS_u32         255156835           VerbOyn_AutoCntricSopd_M_str.Timer2_mS_u32         3174989758           VerbOyn_AutoCntricSopd_M_str.Timer2_mS_u32         3174989656-005           VerbOyn_AutoCntricSopd_M_str.Str.Weboeg_str.X_UB_s122         3174999865-005           VerbOyn_AutoCntricSopd_M_str.Str.Weboeg_str.X_UB_s122         3000000000000000000000000000000000000	VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.0999985
VerbOy, AutoChrit oSpd. M. str. Timert_mS_u32  VerbOyn, AutoChrit oSpd. M. str. ReithwPositist SV_HwDeg_str. SV_uls_f32  VerbOyn, Mositist Cape_M_str. ReithwPositist SV_HwDeg_str. SV_uls_f32  VerbOyn, Mispd. Leart_Chr. M. Jop  VerbOyn, LoSpd. seart_Chr. M. Jop  VerbOyn, LoSpd. seart_Chr. M. Jop  VerbOyn, Mispd. Leart_Chr. M. Jop  VerbOyn, Mispd. SV_uls_f32  VerbOyn, Mispd. SV_uls_f32  VerbOyn, Mispd. SV_uls_f32  VerbOyn, St. Perkoyn, M. str. SV_uls_f32  VerbOyn, St. Perkoyn, Mispd. Mispd. SV_uls_f32  VerbOyn, St. Perkoyn, Mispd. SV_uls_f32  VerbOyn, St. Pe	VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	33198
VehDyn, AutoCntrLoSpd, M. str. RelHwPosFillt SV_HwDeg_str. SV_Uls_f22         4174 479996           VehDyn, AutoCntrLoSpd, M. str. RelHwPosFillt SV_HwDeg_str. K_Uls_f32         4174 479996           VehDyn, AutoCntrLoSpd, M. str. RelHwPosFillt SV_HwDeg_str. K_Uls_f32         4774 479996           VehDyn, AutoCntrLoSpd, M. str. RelHwPosFillt SV_HwDeg_str. K_Uls_f32         0           VehDyn, AutoCntrLoSpd, M. str. Filter Incable. Cnt. Igo         0           VehDyn, AutoCntrLoSpd, M. str. Filter Incable. Cnt. Igo         1           VehDyn, AutoCntrLoSpd, M. str. Filter Incable. Cnt. Igo         1           VehDyn, AutoCntrLoSpd, M. str. Filter Incable. Cnt. Igo         0           VehDyn, AutoCntrLoSpd, M. str. Filter Incable. Cnt. Igo         0           VehDyn, FloreCenter Content. Incable. Inc. It. M. Igo         0           VehDyn, FloreCenter Content. Ing. Igo         0           VehDyn, Instaltze, Cnt. M. Igo         0 </td <td>VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16</td> <td>7778</td>	VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn, AutoCntrLoSpd, M. str. RelHwPosFiltISV _ HwDeg_str. K_ Uls_122         477.479986           VehDyn, AutoCntrLoSpd, M. str. RelHwPosFiltISV _ HwDeg_str. K_ Uls_122         477.479986           VehDyn, AutoCntrLoSpd, M. str. RelHwPosFiltISV _ HwDeg_str. K_ Uls_122         0.000666000003           VehDyn, AutoCntrLoSpd, M. str. RelHwPosFiltISV _ HwDeg_str. K_ Uls_122         0.000666000003           VehDyn, AutoCntrLoSpd, M. str. Filter Inside Crul. ge         1           VehDyn, AutoCntrLoSpd, M. str. Filter Inside Inside Crul. ge         0           VehDyn, AutoCntrLoSpd, M. str. Filter Inside Inside Crul. ge         0           VehDyn, AutoCntrLoSpd, M. str. Filter Inside Inside Crul. ge         0           VehDyn, ForceCenterEnabled, Crul. M. Ige         0           VehDyn, LoSpd. semt_Crul. M. Ige         0           VehDyn, LoSpd. semt_Crul. M. Ige         0           VehDyn, Inside Leven L. Ort. M. Ige         0           VehDyn, MaxOffset HwDeg, M. fl. Str. V. Uls. fl. 2         483.973999           VehDyn, Mind Str. HwDeg, M. fl. Str. V. Uls. fl. 2         0.000273999991           VehDyn, Str. HwWath, Uls. M. fl. Str. V. Uls. fl. 2         0.000273999991           VehDyn, Str. HwWath, Uls. M. fl. Str. V. Uls. fl. 2         0.82000002           VehDyn, Str. HwWath, fl. 2         0.82000002           VehDyn, Str. HwAyd Timer, m. Str. M. 22         1.82007408	VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835
VehDyn, AutoCnitLoSpd M, str. ReliHwPosFilt2SV_HwDeg, str.K_Uls_f32         -177.47998           VehDyn, AutoCnitLoSpd M, str. ReliHwPosFilt2SV_HwDeg, str.K_Uls_f32         0000666000003           VehDyn, AutoCnitLoSpd M, str. ReliHwPosFilt2SV_HwDeg, str.K_Uls_f32         0000666000003           VehDyn, AutoCnitLoSpd M, str. ReliHwPosFilt2SV_HwDeg, str.K_Uls_f32         1           VehDyn, AutoCnitLoSpd M, str. Filter1Initialized_Cnt_lgc         1           VehDyn, AutoCnitLoSpd M, str.Filter2Initialized_Cnt_lgc         0           VehDyn, AutoCnitLoSpd M, str.Filter2Initialized_Cnt_lgc         0           VehDyn, ForeCenterCnitesEndel_Cnt_M_lgc         697.789978           VehDyn, ForeCenterCnitesEndel_Cnt_M_lgc         0           VehDyn, HispdLearm, Cnt_M_lgc         0           VehDyn, LoSpdLearm, Cnt_M_lgc         0           VehDyn, MinOffset_HwDeg, M_f32         483973999           VehDyn, MinOffset_HwDeg, M_f32         483973999           VehDyn, MinOffset_HwDeg, M_f32         630000019           VehDyn, PinTrqSV_M_str.K_Uls_f32         0.000273999991           VehDyn, SIPHwAuth_Uls_M_f32         1833 71004           VehDyn, SIPHwAuth_Uls_M_f32         1662097408           VehDyn, SiPHwAuth_Uls_MAR         32           VehDyn, SiPHwAuth_Uls_MAR         32           VehDyn, SiPHwAuth_Uls_MAR         34	VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758
VehDyn, AutoCnitLoSpd M, str. ReliHwPosFilt2SV_HwDeg, str.K_Uls_f32         -177.47998           VehDyn, AutoCnitLoSpd M, str. ReliHwPosFilt2SV_HwDeg, str.K_Uls_f32         0000666000003           VehDyn, AutoCnitLoSpd M, str. ReliHwPosFilt2SV_HwDeg, str.K_Uls_f32         0000666000003           VehDyn, AutoCnitLoSpd M, str. ReliHwPosFilt2SV_HwDeg, str.K_Uls_f32         1           VehDyn, AutoCnitLoSpd M, str. Filter1Initialized_Cnt_lgc         1           VehDyn, AutoCnitLoSpd M, str.Filter2Initialized_Cnt_lgc         0           VehDyn, AutoCnitLoSpd M, str.Filter2Initialized_Cnt_lgc         0           VehDyn, ForeCenterCnitesEndel_Cnt_M_lgc         697.789978           VehDyn, ForeCenterCnitesEndel_Cnt_M_lgc         0           VehDyn, HispdLearm, Cnt_M_lgc         0           VehDyn, LoSpdLearm, Cnt_M_lgc         0           VehDyn, MinOffset_HwDeg, M_f32         483973999           VehDyn, MinOffset_HwDeg, M_f32         483973999           VehDyn, MinOffset_HwDeg, M_f32         630000019           VehDyn, PinTrqSV_M_str.K_Uls_f32         0.000273999991           VehDyn, SIPHwAuth_Uls_M_f32         1833 71004           VehDyn, SIPHwAuth_Uls_M_f32         1662097408           VehDyn, SiPHwAuth_Uls_MAR         32           VehDyn, SiPHwAuth_Uls_MAR         32           VehDyn, SiPHwAuth_Uls_MAR         34		-177.479996
VehDyn_AutoCnitLoSpd_M_str.ReitHvPosFilt2SV_HvbOg_str.K_Uls_r32         477.479996           VehDyn_AutoCnitLoSpd_M_str.ReitHvPosFilt2SV_HvbOg_str.K_Uls_r32         0.000696000003           VehDyn_AutoCnitLoSpd_M_str.ReitHvPosFilt2SV_HvbOg_str.K_Uls_r32         1           VehDyn_AutoCnitLoSpd_M_str.ReitHvPosFilt2SV_HvbOg_str.K_Uls_r32         1           VehDyn_AutoCnitLoSpd_M_str.ReitHvPosFilt2SV_HvbOg_str.K_Uls_r32         1           VehDyn_AutoCnitLoSpd_M_str.ReitHvPosFilt2SV_HvbOg_str.K_Uls_r32         0           VehDyn_AutoCnitLoSpd_M_str.ReitHvPosFilt2SV_HvbOg_str.K_Uls_r32         697.789978           VehDyn_ForceCenterErabled_Cnt_M_lgc         0           VehDyn_HiSpdLearmL_Cnt_M_lgc         0           VehDyn_HiSpdLearmL_Cnt_M_lgc         0           VehDyn_MaxOffset_HvbOg_M_r32         483.973999           VehDyn_MiscYll Str.K_Uls_r32         6.30000019           VehDyn_MiscYll Str.K_Uls_r32         6.30000019           VehDyn_MiscYll Str.K_Uls_r32         0.64200002           VehDyn_StPHwOs_HvbOg_M_r32         1.353.17004           VehDyn_StPHwOs_HvbOg_M_r32         1.662007408           VehDyn_StPHWOs_HvbOg_M_r32         1.662007408           V. LoSpdVDAuthority_Uls_r32         3.2.5           V. LoSpdVDAuthority_Uls_r32         3.2.5           V. LoSpdVDAuthority_Uls_r32         3.0439998		3.41999985e-005
VehDyn, AutoCnttLoSpd, M., str. RielterEnable, Cnt. Igc         0.006866000003           VehDyn, AutoCnttLoSpd, M., str. FilterEnable, Cnt. Igc         1           VehDyn, AutoCnttLoSpd, M., str. FilterEnable, Cnt. Igc         1           VehDyn, AutoCnttLoSpd, M., str. Filter Initialized, Cnt. Igc         0           VehDyn, ForceCenterEnabled, Cnt. M. Igc         1           VehDyn, ForceCenterEnabled, Cnt. M. Igc         0           VehDyn, Horder, Enabled, Cnt. M. Igc         0           VehDyn, Horder, Cnt. M. Igc         0           VehDyn, Losp, Clearn, Cnt. M. Igc         0           VehDyn, Losp, Clearn, Cnt. M. Igc         0           VehDyn, Losp, Clearn, Cnt. M. Igc         0           VehDyn, Initialize, Cnt. M. Igc         0           VehDyn, Minoffiset, HwDeg, M. f32         483.973999           VehDyn, Minoffiset, HwDeg, M. f32         1285.422           VehDyn, PintrigsV, M. str. Kr. Uis. f32         0.84200002           VehDyn, PintrigsV, M. str. Kr. Uis. f32         0.84200002           VehDyn, Suhrwaldyndrimer, ms. M. u32         1           VehDyn, Sirl-WagyArd Timer, ms. M. u32         1           VehDyn, Sirl-WagyArd Timer, ms. M. u32         1           VehDyn, Sirl-WagyArd Timer, ms. u32         0.8700000005           K, Lynay Chould, Uis. f32         3.48000002		-177.479996
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Intalized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Intalized_Cnt_lgc         0           VehDyn_ForceCenterCnabled_Cnt_M_lgc         1           VehDyn_ForceCenterCnabled_Cnt_M_lgc         0           VehDyn_HISpd.earm_Cnt_M_lgc         0           VehDyn_LoSpd.earm_Cnt_M_lgc         0           VehDyn_MaxOffset_HWDeg_M_f32         483.973999           VehDyn_Miscr_HWDeg_M_f32         483.973999           VehDyn_Miscr_HWDeg_M_f32         483.973999           VehDyn_Miscr_HWDeg_M_f32         483.973999           VehDyn_Wiscr_HWDeg_M_f32         483.973999           VehDyn_Wiscr_HWDeg_M_f32         483.973999991           VehDyn_Miscr_HWDeg_M_f32         0.000273999991           VehDyn_SLPHWPath_Ubl_M_f32         0.000273999991           VehDyn_SLPHWPas_HWDeg_M_f32         1682097408           VehDyn_SLPHWPas_HWDeg_M_f32         1682097408           VehDyn_StrHwalydistrier_m_fs_M_u32         1682097408           K_HSGAVDAUthority_Usl_f32         2.5           K_LOSpdVDAUthority_Usl_f32         3.2.5           K_StrHWARQHTTIM_mS_u32         3.2.5		
VehDyn_AutoCntrLoSpd_M_Str.Filter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_Str.Filter2Intalized_Cnt_lgc         0           VehDyn_ForceCenterEnabled_Cnt_M_lgc         0           VehDyn_ForceCenterEnabled_Cnt_M_lgc         697.789978           VehDyn_ForceCenterEnabled_Cnt_M_lgc         0           VehDyn_ForceCenterEnabled_Cnt_M_lgc         0           VehDyn_Listalize_Cnt_M_lgc         0           VehDyn_Listalize_Cnt_M_lgc         0           VehDyn_LoSpd_enam_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_r32         483.973999           VehDyn_Minoffset_HwDeg_M_r32         -1285.422           VehDyn_PinTrqSV_M_str.K_U.lls_r32         0.000273999991           VehDyn_PinTrqSV_M_str.K_U.lls_r32         0.000273999991           VehDyn_StPHWABI_U.lls_M_r32         0.6200002           VehDyn_StPHWABI_U.lls_M_r32         1662097408           VehDyn_StPHWABI_U.lls_r32         1           K_LOSpQVDAuthority_U.lls_r32         0.870000005           K_LOSpQVDAuthority_U.lls_r32         0.870000005           K_StPHWAPQfirth_d_mS_u32         34.3899989           K_Syskinfalio_MtrDegpHwDeg_r32         34.3899989           K_Syskinfalio_MtrDegpHwDeg_r32         34.3899989           K_TraveKDCeadband_Uls_r32         34.3899989		
VehDyn_AutoCntrLoSpd_M_str.FilterInitialized_Cnt_lgc         1           VehDyn_ForceCenterCnabled_Cnt_M_lgc         1           VehDyn_ForceCenterCnabled_Cnt_M_lgc         697.789978           VehDyn_ForceCenterCnabled_Cnt_M_lgc         0           VehDyn_HiSpd.earm_Cnt_M_lgc         0           VehDyn_LoSpd.earm_Cnt_M_lgc         0           VehDyn_LoSpd.earm_Cnt_M_lgc         0           VehDyn_MxxOffset_HwDeg_M_f32         483.973999           VehDyn_MxxOffset_HwDeg_M_f32         -1285.422           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000273999991           VehDyn_SinTrqSV_M_str.K_Uls_f32         0.000273999991           VehDyn_SIPHWAUth_Uls_Mf32         0.64200002           VehDyn_SIPHWAUth_Uls_Mf32         1353.17004           VehDyn_SIPHWAUthorly_Uls_f32         1682097408           K_HSpdVDAuthorly_Uls_f32         18           K_HSpdVDAuthorly_Uls_f32         18           K_LOSpdVDAuthorly_Uls_f32         1986           K_SyskinRatio_MirDeghtWDeg_f32         3.2 5           K_SirkMayUtfirth_mS_u32         3.4 3899999           K_TravetXCHwAuthorly_Uls_f32         3.4 3899999           K_TravetXCHwAuthorly_Uls_f32         3.4 3899999           K_TravetXCHwAuthorly_Uls_f32         3494315776           target_Rte_Call_Ap_V		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterCinstelled_Cnt_M_lgc         1           VehDyn_FrozeCenterCinstelled_Cnt_M_lgc         697.789978           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         483.973999           VehDyn_MinOffset_HwDeg_M_f32         483.973999           VehDyn_MinOffset_HwDeg_M_f32         6.30000019           VehDyn_FinTrqSV_M_str.K_Uls_f32         0.000273999991           VehDyn_SIPHWAuth_Uls_M_f32         0.642000002           VehDyn_SIPHWAbuth_Uls_M_f32         0.642000002           VehDyn_SIPHWAby SHDPG_M_f32         1           VehDyn_SIPHWAD_HUB_M_f32         1662097408           VehDyn_SIPHWAD_HUB_M_f32         1           VehDyn_SIPHWAD_HUB_M_f32         2           VehDyn_SIPHWAD_HUB_M_f32         1           VehDyn_SIPHWAD_HUB_M_f32         1662097408           VehDyn_SIPHWAD_HUB_M_f32         1           VehDyn_SIPHWAD_HUB_M_f32         1           VehDyn_SIPHWAD_HUB_M_f32         1           VehDyn_SIPHWAD_HUB_M_f32         1		
VehDyn_ForceCenter/Enabled_Cnt_M_lgc         1           VehDyn_ForceCenter/Offset_HwDeg_M_f32         697.789978           VehDyn_Hisblaze_Cnt_M_lgc         0           VehDyn_LoSpdteamt_Cnt_M_lgc         0           VehDyn_LoSpdteamt_Cnt_M_lgc         0           VehDyn_Moffset_HwDeg_M_f32         483.973999           VehDyn_MinOffset_HwDeg_M_f32         -1285.422           VehDyn_PinTrqSV_M_str.K_UIs_f32         6.30000019           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.000273999991           VehDyn_SLPHwDeg_M_f32         -1353.17004           VehDyn_SLPHwDeg_M_f32         -1           V_HVTAMB_THAWNIN_f32         -1           V_ESPADUALWHORY,UIS_f32         0.870000005           V_SKIKRABIO_MITD_GR_FUND_G_f32         32.5           V_SKIKRABIO_MITD_GR_FUND_G_f32         32.5           V_TraveXCCHwAuthority_UIs_f32         0.43575		
VehDyn_ForceCenterOffset_HwDeg_M_f32         697.789978           VehDyn_HiSpdt_earmt_Cnt_M_lgc         0           VehDyn_LoSpdt_earmt_Cnt_M_lgc         483.973999           VehDyn_MaxOffset_HwDeg_M_f32         483.973999           VehDyn_MaxOffset_HwDeg_M_f32         483.973999           VehDyn_PinTrqSV_M_str,SV_Uls_f32         630000019           VehDyn_PinTrqSV_M_str,SV_Uls_f32         0.000273999991           VehDyn_SirlHwPos_HwDeg_M_f32         0.64200002           VehDyn_SLPHwPos_HwDeg_M_f32         1.7353.17004           VehDyn_StrHwAgVIdTimer_mS_M_u32         1662097408           VehDyn_StrHwAgVIdTimer_mS_M_u32         1662097408           K_HSpdVDAuthority_Uls_f32         0.87000005           K_LoSpdVDAuthority_Uls_f32         0.87000005           K_StrHwAgVIdTiThd_mS_u32         3.25           K_StrHwAgVIdTimd_mS_u32         3.25           K_TravetXCDeadband_Uls_f32         3.25           K_TravetXCDWauthority_Uls_f32         3.0439296           target_DermElapsedTime_mS_u32_ElapsedTime         304439296           target_DermElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32		
VehDyn_HiSpdLearmt_Cnt_M_lgc         0           VehDyn_Lintialize_Cnt_M_lgc         0           VehDyn_LoSpdLearmt_Cnt_M_lgc         0           VehDyn_LoSpdLearmt_Cnt_M_lgc         483.973999           VehDyn_MinOffset_HwDeg_M_f32         483.973999           VehDyn_MinOffset_HwDeg_M_f32         -1285.422           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.0000273999991           VehDyn_SLPHwAuth_Uls_M_f32         0.64200002           VehDyn_SLPHwPos_HwDeg_M_f32         -1353.17004           VehDyn_SLPHwPos_HwDeg_M_f32         1662097408           VehDyn_SLPHwPos_HwDeg_M_f32         1662097408           VehDyn_SLPHwBydVouthority_Uls_f32         1           VehDyn_SLPHwBydVouthority_Uls_f32         1           VehDyn_SLPHwBydVouthority_Uls_f32         1           VehDyn_SLPHwBydVouthority_Uls_f32         1           VehDyn_SLPHwBydVouthority_Uls_f32         1           VehDyn_SystemTime_M_ga2         91966           K_HWTQMgnThd_HwMm_f32         32.5           K_SYsKinRatio_MtrDegpHwDeg_f32         32.5           K_TravetXChwAuthority_Uls_f32         343699898           K_TravetXChwAuthority_Uls_f32         343699898           K_TravetXChwAuthority_Uls_f32         3436439296           target_DtmnElapsedTime_mS_u32_CurrentTime		
VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MSC9ftest_HwDeg_M_f32         483.973999           VehDyn_MinOffset_HwDeg_M_f32         -1285.422           VehDyn_PinTrqSV_M_str.SV_Uls_f32         6.30000019           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.00273999991           VehDyn_SLPHwAuth_Uls_M_f32         0.64200002           VehDyn_SLPHwPos_HwDeg_M_f32         1533.17004           VehDyn_StrlHwAgVIdTimer_mS_M_u32         1662097408           k_HispdVDAuthority_Uls_f32         1           k_LoSpdVDAuthority_Uls_f32         0.870000005           k_LoSpdVDAuthority_Uls_f32         0.870000005           k_StHHwagVidTimed_mS_u32         91986           k_SyskinRatio_MtrDegpHwDeg_f32         32.5           k_SyskinRatio_MtrDegpHwDeg_f32         32.5           k_TraveIXCHwAuthority_Uls_f32         34.3699989           k_TraveIXCHwAuthority_Uls_f32         34.3699989           k_TraveIXCHwAuthority_Uls_f32         34.94315776           target_Re_Call_Ap_VehDyn_SystemTime_DtrmElapsedTime_mS_u32_CurrentTime         3494315776           target_Re_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         4349315776           target_Re_Call_Ap_VehDyn_Nerb_prer1_CewEOT_HwDeg_f32         target_VehDyn_Per1_CewEOT_HwDeg_f32		
VehDyn_LoSpdLeamt_Cnt_M.lgc         0           VehDyn_MaxOffset_HwDeg_M.f32         483.973999           VehDyn_MinOffset_HwDeg_M.f32         -1285.422           VehDyn_PinTrqSV_M_str.K_Uls_f32         6.30000019           VehDyn_SLPHwAuth_Uls_M.f32         0.000273999991           VehDyn_SLPHwAuth_Uls_M.f32         0.64200002           VehDyn_StlPHwAuth_Uls_M.f32         1.353.17004           VehDyn_SrlHwAgVldTimer_mS_M_u32         1.662097408           k_HiSpdVDAuthority_Uls_f32         1           k_HwTqMgnThd_HwNm_f32         5.25           k_LoSpdVDAuthority_Uls_f32         0.870000005           k_SyskinRatio_MtrDeptHwDeg_f32         32.5           k_SyskinRatio_MtrDeptHwDeg_f32         34.3699989           k_TravelXCDeadband_Uls_f32         0.043575           k_TravelXCHwAuthority_Uls_f32         34.3699989           k_TravelXCHwAuthority_Uls_f32         34.3699989           k_TravelXCHwAuthority_Uls_f32         34.3699989           k_TravelXCHwAuthority_Uls_f32         34.3699989           k_TravelXCHwAuthority_Uls_f32         34.3699989           k_Teate_file_file_file_file_file_file_file_fil		
VehDyn_MaxOffset_HwDeg_M_f32         483.973999           VehDyn_MinOffset_HwDeg_M_f32         -1285.422           VehDyn_PinTrqSV_M_str.SV_LUls_f32         6.30000019           VehDyn_SLPHwAuth_Uls_M_f32         0.000273999991           VehDyn_SLPHwAuth_Uls_M_f32         0.64200002           VehDyn_StPHwAgyIdTimer_mS_M_u32         1662097408           VehDyn_StPHwAgyIdTimer_mS_M_u32         1662097408           VehDyn_StPHWAgyIdTimer_mS_M_u32         1662097408           V_LISpdVDAuthority_Uls_f32         0.870000005           V_LISpdVDAuthority_Uls_f32         0.870000005           V_STHWAGYIdTITINd_mS_u32         0.870000005           V_SYRINABIO_MIX DegpHwDeg_f32         32.5           V_TraveIXCDeadband_Uls_f32         34.3699989           V_TraveIX CHWAUthority_Uls_f32         34.36		
VehDyn_MinOffset_HwDeg_M_f32         -1285.422           VehDyn_PinTrqSV_M_str.K_Uls_f32         6.30000019           VehDyn_Str.K_Uls_f32         0.0027399991           VehDyn_StPHwAuth_uls_M_f32         0.64200002           VehDyn_StPHwAgVldTimer_mS_M_d32         -1353.17004           VehDyn_StHPwAgVldTimer_mS_M_u32         1662097408           k_HSpdVDAuthority_Uls_f32         1           k_HWTqMgnThd_HwNm_f32         5.25           k_LoSpdVDAuthority_Uls_f32         0.870000005           k_SrlthwAgVldTiThd_mS_u32         91986           k_SyskinRatio_MtrDegpHwDeg_f32         32.5           k_TravelXCDeadband_Uls_f32         34.3699989           k_TravelXCHwAuthority_Uls_f32         0.043575           target_DtrnnElapsedTime_mS_u32_ElapsedTime         3304439296           target_Re_Call_Ap_VehDyn_SystemTime_DtrnnElapsedTime_mS_u32_ElapsedTime         1736795392           target_Re_Call_Ap_VehDyn_SystemTime_DtrnnElapsedTime_mS_u32_CurrentTime         1662097408           target_Re_Call_Ap_VehDyn_SystemTime_DtrnnElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_CurrentTime         1736795392           target_Re_lnst_Ap_VehDyn_NehDyn_Per1_CwECDT_HwDeg_f32         target_VehDyn_Per1_CwECDT_HwDeg_f32           target_Re_lnst_Ap_VehDyn_NehDyn_Per1_HwTorque_HwNm_f32         target_VehDyn_Per1_MotorvelCRF_MtrRadpS_f32           target		
VehDyn_PinTrqSV_M_str.K_Uls_f32         6.30000019           VehDyn_SLPHwPaut_Lus_M_f32         0.000273999991           VehDyn_SLPHwPos_HwDeg_M_f32         -1353.17004           VehDyn_SLPHwPos_HwDeg_M_f32         -1353.17004           VehDyn_StPHwPos_HwDeg_M_f32         -1353.17004           VehDyn_StPHwPos_HwDeg_M_f32         1662097408           k_HiSpdvDAuthority_Uls_f32         1           k_HwTqMgnThd_HwNm_f32         5.25           k_LoSpdvDAuthority_Uls_f32         0.870000005           k_StHlwAqyIdTThd_mS_u32         91986           k_StHwAqyIdTThd_mS_u32         32.5           k_TraveIXCDeadband_Uls_f32         34.3699989           k_TraveIXCHwAuthority_Uls_f32         34.3699989           target_DmnElapsedTime_mS_u32_CurrentTime         3304439296           target_Re_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime         3494315776           target_Re_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_CurrentTime         1662097408           target_Re_lost_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         1arget_VehDyn_Per1_CwEOT_HwDeg_f32           target_Re_lost_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32         target_VehDyn_Per1_LowEOT_HwDeg_f32           target_Re_lost_Ap_VehDyn_VehDyn_Per1_MotorVe(CRF_MtrRadpS_f32         target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32         target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	,	
VehDyn_PinTrqSV_I_str.K_Uls_f32         0.00273999991           VehDyn_SLPHwath_Uls_M_f32         0.64200002           VehDyn_StPHwBos_HwDeg_M_f32         -1353.17004           VehDyn_SrlHwAgVldTimer_mS_M_u32         1662097408           k_HSpdVDAuthority_Uls_f32         1           k_HWTqMgnThd_HwNm_f32         5.25           k_LoSpdVDAuthority_Uls_f32         0.870000005           k_SrlHwAgVldTiThd_mS_u32         91986           k_SysKinRatio_MtrDegpHwDeg_f32         32.5           k_TravelXCDeadband_Uls_f32         34.3699989           k_TravelXCHwAuthority_Uls_f32         0.043575           target_DtmnElapsedTime_mS_u32_ElapsedTime         3304439296           target_Re_Call_Ap_VehDyn_SystemTime_DtmnElapsedTime_mS_u32_ElapsedTime         3494315776           target_Re_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         1662097408           target_Re_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         1662097408           target_Re_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Re_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32         target_VehDyn_Per1_HwTorque_HwNm_f32           target_Re_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32         target_VehDyn_Per1_HwTorque_HwNm_f32         target_VehDyn_Per1_HwTorque_HwNm_f32           target_Re_Inst_Ap_VehDyn.VehDyn_Per1_Sensori	,	
VehDyn_SLPHwAuth_Uls_M_f32         0.64200002           VehDyn_SLPHwPos_HwDeg_M_f32         -1353.17004           VehDyn_SrHHwAgVldTimer_mS_M_u32         1662097408           K_HISpdVDAuthority_Uls_f32         1           k_HWTqMgnThd_HwNm_f32         5.25           k_OSpdVDAuthority_Uls_f32         0.870000005           k_StiftwagVldTiThd_mS_u32         91986           k_SysKinRatio_MtrDegpHwDeg_f32         32.5           k_TravelXCDeadband_Uls_f32         43.4369989           k_TravelXCDeadband_Uls_f32         0.043575           karget_DtmmElapsedTime_mS_u32_ElapsedTime         3304439296           target_Re_Call_Ap_VehDyn_SystemTime_DtmmElapsedTime_mS_u32_ElapsedT         1736795392           target_Re_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         1662097408           target_Re_Inst_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         1662097408           target_Re_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Re_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32         target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32           target_Re_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32         target_VehDyn_Per1_RelHwPos_HwDeg_f32           target_Re_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32         target_VehDyn_Per1_SensorlessAuthority_Uls_f32           target_VehDyn_Per1_Sensorle		
VehDyn_SLPHwPos_HwDeg_M_f32         -1353.17004           VehDyn_SrlHwAgVldTimer_mS_M_u32         1662097408           k_HiSpdVDAuthority_UIs_f32         1           k_HwTqMgnThd_HwNm_f32         5.25           k_LoSpdVDAuthority_UIs_f32         0.870000005           k_SrlHwAgVldTiThd_mS_u32         91986           k_SysKinRatio_MtrDegpHwDeg_f32         32.5           k_TraveIXCHwAuthority_UIs_f32         0.43575           target_DtrmnElapsedTime_mS_u32_ElapsedTime         330439296           target_DtrmnElapsedTime_mS_u32_CurrentTime         3494315776           target_Rel_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime         1736795392           target_Rel_call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         1662097408           target_Rel_inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rel_inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rel_inst_Ap_VehDyn.VehDyn_Per1_MotorVeiCRF_MtrRadpS_f32         target_VehDyn_Per1_HwTorque_HwNm_f32           target_Rel_inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32         target_VehDyn_Per1_MotorVeiCRF_MtrRadpS_f32         target_VehDyn_Per1_MotorVeiCRF_MtrRadpS_f32           target_Rel_inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_UIs_f32         target_VehDyn_Per1_SensoriessAuthority_UIs_f32         target_VehDyn_Per1_SensoriessAuth		
VehDyn_SrlHwAgVldTimer_mS_M_u32 k_HiSpdVDAuthority_UIs_f32 k_LeyTagMgnThd_HNMm_f32 5.25 k_LoSpdVDAuthority_UIs_f32 k_SrlHwAgVldTiThd_mS_u32 8.SysKinRatio_IntrDegpHwDeg_f32 8.SysKinRatio_IntrDegpHwDeg_f32 8.TraveIXCDeadband_UIs_f32 8.TraveIXCDeadband_UIs_f32 8.TraveIXCDeadband_UIs_f32 8.TraveIXCHwAuthority_UIs_f32 8.TraveIXCHwAuthority		
k_HiSpdVDAuthority_Uls_f32 k_LoSpdVDAuthority_Uls_f32 k_LoSpdVDAuthority_Uls_f32 k_SylkmAgtio_Introd_mS_u32 91986 k_SyskinRatio_MtrDegpHwDeg_f32 k_TravelXCDeadband_Uls_f32 k_TravelXCDeadband_Uls_f32 k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32 0.043575 target_DtmnElapsedTime_mS_u32_ElapsedTime 3304439296 target_DtmnElapsedTime_mS_u32_CurrentTime 43494315776 target_Rte_Call_Ap_VehDyn_SystemTime_DtmnElapsedTime_mS_u32_ElapsedTime 4arget_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 4arget_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 4arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 4arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 4arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_Mtrorque_HwNm_f32 4arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_Mtrorque_HwNm_f32 4arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_Mtrorque_HwNm_f32 4arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 4arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 4arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 4arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 4arget_NehDyn_Per1_SensorlessAuthority_Uls_f32 4arget_VehDyn_Per1_SensorlessAuthority_Uls_f32		
k_HwTqMgnThd_HwNm_f32 k_LoSpdVDAuthority_Uls_f32 0.87000005 k_SrlHwAgVldTiThd_mS_u32 91986 k_SysKinRatio_MtrDegpHwDeg_f32 32.5 k_TravelXCDeadband_Uls_f32 k_TravelXCDeadband_Uls_f32 0.043575 target_DtrmnElapsedTime_mS_u32_ElapsedTime 3304439296 target_GetSystemTime_mS_u32_CurrentTime 43494315776 target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime 4376795392 target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 4376207408 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	7	1662097408
k_LoSpdVDAuthority_UIs_f32	k_HiSpdVDAuthority_Uls_f32	1
k_SrlHwAgVldTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32 k_TravelXCDeadband_Uls_f32 k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTitarget_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	k_HwTqMgnThd_HwNm_f32	5.25
k_SysKinRatio_MtrDegpHwDeg_f32 k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime 3304439296 target_GetSystemTime_mS_u32_CurrentTime 3494315776 target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32	k_LoSpdVDAuthority_UIs_f32	0.870000005
k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime 3304439296 target_GetSystemTime_mS_u32_CurrentTime 3494315776 target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime 437695392 target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 437695392 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	k_SrlHwAgVldTiThd_mS_u32	91986
k_TravelXCHwAuthority_Uls_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	k_SysKinRatio_MtrDegpHwDeg_f32	32.5
k_TravelXCHwAuthority_Uls_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	k_TravelXCDeadband_Uls_f32	34.3699989
target_DtrmnElapsedTime_mS_u32_ElapsedTime  target_GetSystemTime_mS_u32_CurrentTime  target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT  target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime  target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32  target_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32		0.043575
target_GetSystemTime_mS_u32_CurrentTime  target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT  target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32  target_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_VehDyn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTitarget_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32		
target_kte_inst_ap_venuyn.venuyn_Per1_SriHwAgvid_Cnt_igc   target_VenUyn_Per1_SriHwAgVid_Cnt_igc		
	target_kte_inst_ap_venuyn.venuyn_Per1_SriHwagVld_Cnt_lgc	target_venDyn_Peri_SnHwAgvig_Cht_igc





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_I	HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCm	dCRF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpe	eedValid_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpe	eed_Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1294.17004		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	626.101013		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.51000023		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-425.213989		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	448.5		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1353.17004		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	354.769989		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	-
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835	2553156835	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758	3174948758	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-559.150024	-559.150024 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-559.150024	-559.150024 ± 0.0009	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	0	0	-
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3494315776	3494315776	•
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	3174948758	3174948758	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	969.01001	969.01001 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1081.09998	-1081.09998 ± 0.009	-
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	-
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	-
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	3494315776	3494315776	•
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	3174948758	3174948758	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-177.479996	-177.479996 ± 0.0009	<b>✓</b>
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-177.479996	-177.479996 ± 0.0009	-
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	-
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	-
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	•
VehDyn LoSpdLearnt Cnt M Igc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	626.101013	626.101013	-
VehDyn_MinOffset_HwDeg_M_f32	-1294.17004	-1294.17004	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_UIs_f32	6.3003788	6.3003788 ± 0.000009	-
VehDyn_SrlHwAgVldTimer_mS_M_u32	1662097408	1662097408	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	-
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	-249.289978	-249.289993 ± 0.1	-

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.27 (Repeat Count = 1)	Innut Value
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	138.100006
/ehDyn AutoCntrDetSpd M str.VehSpd kph f32	236.100006

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VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	8.1000038 32.0999985 21335 34188 2760420809 3382212733 933.469971 0.000698000018 93.469971 0.000698000018 0 0 1 1 1 124 246.100006 10 52 29076 43868 2760420809 3382212733 -1397.33997 0.000981300022 448.100006 0.000828000018 1
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.WebSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	21335 34188 2760420809 3382212733 933.469971 0.000698000018 933.469971 0.000698000018 0 0 1 1 1 124 246.100006 10 52 29076 43868 2760420809 3382212733 -1397.33997 0.000981300022 448.100006 0.000828000018 1
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	34188 2760420809 3382212733 933.469971 0.000698000018 933.469971 0.000698000018 0 0 1 1 1 124 246.100006 10 52 29076 43868 2760420809 3382212733 -1397.33997 0.000981300022 448.100006 0.000828000018 1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mNs_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	2760420809 3382212733 933.469971 0.000698000018 933.469971 0.000698000018 0 0 1 1 124 246.100006 10 52 29076 43868 2760420809 3382212733 -1397.33997 0.000981300022 448.100006 0.000828000018 1
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kpf_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kpf_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPnTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	3382212733 933.469971 0.000698000018 933.469971 0.000698000018 0 0 1 1 124 246.100006 10 52 29076 43868 2760420809 3382212733 -1397.33997 0.000981300022 448.100006 0.000828000018 1
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	933.469971 0.000698000018 933.469971 0.000698000018 0 0 1 1 1 124 246.100006 10 52 29076 43868 2760420809 3382212733 -1397.33997 0.000981300022 448.100006 0.000828000018 1
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0.000698000018 933.469971 0.000698000018 0 0 1 1 1 124 246.100006 10 52 29076 43868 2760420809 3382212733 -1397.33997 0.000981300022 448.100006 0.000828000018 1
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	933.469971 0.000698000018 0 0 1 1 1 124 246.100006 10 52 29076 43868 2760420809 3382212733 -1397.33997 0.000981300022 448.100006 0.000828000018 1
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0.000698000018 0 1 1 124 246.100006 10 52 29076 43868 2760420809 3382212733 -1397.33997 0.000981300022 448.100006 0.000828000018 1
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0 0 1 1 124 246.100006 10 52 29076 43868 2760420809 3382212733 -1397.33997 0.000981300022 448.100006 0.000828000018 1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0 1 1 1 124 246.100006 10 52 29076 43868 2760420809 3382212733 -1397.33997 0.000981300022 448.100006 0.000828000018 1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1 1 124 246.100006 10 52 29076 43868 2760420809 3382212733 -1397.33997 0.000981300022 448.100006 0.000828000018 1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1 124 246.100006 10 52 29076 43868 2760420809 3382212733 -1397.33997 0.000981300022 448.100006 0.000828000018 1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	124 246.100006 10 52 29076 43868 2760420809 3382212733 -1397.33997 0.000981300022 448.100006 0.000828000018 1
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	246.100006 10 52 29076 43868 2760420809 3382212733 -1397.33997 0.000981300022 448.100006 0.000828000018 1
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	10 52 29076 43868 2760420809 3382212733 -1397.33997 0.000981300022 448.100006 0.000828000018 1
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	52 29076 43868 2760420809 3382212733 -1397.33997 0.000981300022 448.100006 0.000828000018
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	43868 2760420809 3382212733 -1397.33997 0.000981300022 448.100006 0.000828000018
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	2760420809 3382212733 -1397.33997 0.000981300022 448.100006 0.000828000018
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	3382212733 -1397.33997 0.000981300022 448.100006 0.000828000018
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	-1397.33997 0.000981300022 448.100006 0.000828000018
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0.000981300022 448.100006 0.000828000018
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	448.100006 0.000828000018 1
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0.000828000018 1
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ValaDian AutoCotal IiCad M. ota Filtarolisticilinad Cotal	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
	138.100006
, = , = , = , = ,	236.199997
	8.10000038
, = = = = = = = = = = = = = = = = = = =	32.2099991
	21335
,	34188
	2760420809
, =	3382212733 731.700012
	3.46000015e-005
	731.700012
	0.000698000018
	1
7 2 111 1 111 11 11 11 11 11 11 11 11 11	0
, = = = = = = = = = = = = = = = = = = =	0
	1
	1
	797.700012
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	488.966003
VehDyn_MinOffset_HwDeg_M_f32	-1278.73804
VehDyn_PinTrqSV_M_str.SV_UIs_f32	15.1999998
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.000274999999
	0.626999974
	-1342.91003
, = 0 = = =	4243378688
9	0
	1.10000002
	0.20000003
	12
	52.099985
	35.8100014
	0.044799984
	2167769344
\$ =   ;     =   =   =	463842816 3437401088
	3437401088 4243378688
	target_VehDyn_Per1_CcwEOT_HwDeg_f32
	target_VehDyn_Per1_CwEOT_HwDeg_f32
	target_VehDyn_Per1_HwTorque_HwNm_f32
	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32

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Name	Input Value			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_	target_VehDyn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lg	С		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f3	32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_M	trNm_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_	_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_	_f32		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1287.91003			
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	637.007996			
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.55000019			
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	752.820007			
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-157.490005			
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0			
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1342.91003			
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999			
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1			
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	452.869995			
Name	Actual Value	Expected Value	Result	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	•	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809	2760420809	<b>✓</b>	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733	3382212733	•	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	933.469971	933.469971 ± 0.0009	~	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	933.469971	933.469971 ± 0.0009		
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0		
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc	1	1	•	
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	463842816	463842816	<b>✓</b>	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733	3382212733	•	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1397.33997	-1397.33997 ± 0.009	<b>✓</b>	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	448.100006	448.100006 ± 0.0009	•	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>	
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	1	1	•	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>	
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420809	2760420809	<b>✓</b>	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733	3382212733	<b>✓</b>	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	<b>✓</b>	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	<b>✓</b>	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	✓	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>	
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>	
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>	
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>	
VehDyn_MaxOffset_HwDeg_M_f32	637.007996	637.007996	~	
VehDyn_MinOffset_HwDeg_M_f32	-1287.91003	-1287.91003	<b>✓</b>	
VehDyn_PinTrqSV_M_str.SV_Uls_f32	15.1978722	15.1978722 ± 0.00009	~	
VehDyn_SrlHwAgVldTimer_mS_M_u32	4243378688	4243378688	<b>✓</b>	
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	<b>✓</b>	
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-955.190002	-955.190002 ± 0.1	<b>✓</b>	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.28 (Repeat Count = 1)	· ·
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	86
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	246
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	29076
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	43868
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476707
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-174.199997
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000699999975
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-174.199997
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000699999975
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	138
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	84.5
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	12.1000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	72
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476707
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-174.199997
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00102199998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	-174.199997
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000829999975
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0 0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	
VehDyn_AutoCntrloSpd_M_str.MtrVel_MtrRadpS_f32	86.199969 246.10006
VehDyn_AutoCntrl_oSpd_M_str.VehSpd_kph_f32	10.1999998
VehDyn_AutoCntrl_oSpd_M_str.FiltPinTrq_HwNm_f32	52.099985
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	29076
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	43868
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476707
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-174.199997
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.50000009e-005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-174.199997
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00699999975
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn ForceCenterOffset HwDeg M f32	897.609985
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	493.958008
VehDyn_MinOffset_HwDeg_M_f32	-1272.05396
VehDyn_PinTrqSV_M_str.SV_UIs_f32	14
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000276000006
VehDyn_SLPHwAuth_Uls_M_f32	0.611999989
VehDyn_SLPHwPos_HwDeg_M_f32	-1332.65002
VehDyn_SrlHwAgVldTimer_mS_M_u32	2127166208
k_HiSpdVDAuthority_UIs_f32	1
k_HwTqMgnThd_HwNm_f32	1.20000005
k_LoSpdVDAuthority_UIs_f32	0.649999976
k_SrlHwAgVldTiThd_mS_u32	45
k_SysKinRatio_MtrDegpHwDeg_f32	1
	37.25
k_TravelXCDeadband_Uls_f32	
k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32	0.0460250005
	0.0460250005 3714197504
k_TravelXCHwAuthority_Uls_f32	
k_TravelXCHwAuthority_Uls_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime	3714197504 1759885568
k_TravelXCHwAuthority_Uls_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime	3714197504 1759885568 371 3494315776
k_TravelXCHwAuthority_Uls_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_Elapse	3714197504 1759885568 371 3494315776





Input Value		
target_VehDyn_Per1_HwTorque	_HwNm_f32	
target_VehDyn_Per1_MotorVelC	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	
target_VehDyn_Per1_RelHwPos	target_VehDyn_Per1_RelHwPos_HwDeg_f32	
target_VehDyn_Per1_Sensorless	sAuthority_Uls_f32	
target_VehDyn_Per1_Sensorless	sHwPos_HwDeg_f32	
target_VehDyn_Per1_SrlHwAgV	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	
target_VehDyn_Per1_SrlHwAg_I	HwDeg_f32	
target_VehDyn_Per1_TorqueCm	ndCRF_MtrNm_f32	
target_VehDyn_Per1_VehicleSpe	eedValid_Cnt_lgc	
target_VehDyn_Per1_VehicleSpi	eed_Kph_f32	
-1281.65002		
647.914978		
7.59000015		
-158.410004		
-174.199997		
1		
-1332.65002		
-4.9000001		
0		
423.23999		
Actual Value	Expected Value	Result
	•	_
		<b>✓</b>
	i i	
	· ·	
1		
		•
0407466000		
2127166208	2127166208 1 ± 0.004	
	target_VehDyn_Per1_HwTorque target_VehDyn_Per1_MotorVelC target_VehDyn_Per1_RelHwPos target_VehDyn_Per1_Sensorles target_VehDyn_Per1_SrlHwAgV target_VehDyn_Per1_SrlHwAg_ target_VehDyn_Per1_TorqueCm target_VehDyn_Per1_VehicleSp target_VehDyn_Per1_VehicleSp -1281.65002 647.914978 7.59000015 -158.410004 -174.199997 1 -1332.65002 -4.9000001 0	target_VehDyn_Pert_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Pert_Rell+WPos_HwDeg_f32 target_VehDyn_Pert_SensorlessAuthority_Uis_f32 target_VehDyn_Pert_SensorlessAuthority_Uis_f32 target_VehDyn_Pert_SensorlessAuthority_Uis_f32 target_VehDyn_Pert_SensorlessAuthority_Uis_f32 target_VehDyn_Pert_Srl+WAg_HwDeg_f32 target_VehDyn_Pert_Srl+WAg_HwDeg_f32 target_VehDyn_Pert_TorqueCmdCRF_MtrNtm_f32 target_VehDyn_Pert_VehicleSpeedValid_Cnt_lgc target_VehDyn_Pert_VehicleSpeed_Kph_f32 -1281.65002 -4.7.149.14978 7.59000015 -158.410004 -174.199997 1 1 1 1 2967684784 2967684784 3589476707 3589476707 -174.199997 -174.199997 ± 0.0009 -174.199997 -174.199997 ± 0.0009 1 1 1 1 0 0 0 0 0 0 0 0 1759885568 1759885568 3589476707 3589476707 -174.199997 -174.199997 ± 0.0009

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDyn Per1 CP1 ChecknointReached	1	Rte Call VehDyn Per1 CP1 ChecknointReached	1	_

Test Step 2.29 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime

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Name	Input Value
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	44.2999992
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	84.3000031
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.3000002
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	72.3000031
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	32821
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	53946
/ehDyn AutoCntrDetSpd M str.Timer1 mS u32	3174948758
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-475.299988
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.00070199999
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-475.299988
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.00070199999
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
	86.3000031
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86.3000031
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.5
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	92.0999985
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	40437
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	13059
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948758
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-475.299988
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00106269994
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-475.299988
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000831999991
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	44.4000015
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	84.5
/ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	12.3999996
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	72.5
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	32821
/ehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	53946
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948758
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-475.299988
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.54000003e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-475.299988
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00070199999
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_ForceCenterEnabled_Cnt_M_lgc	0
ehDyn_ForceCenterOffset_HwDeg_M_f32	997.52002
ehDyn_HiSpdLearnt_Cnt_M_lgc	1
/ehDyn_Initialize_Cnt_M_lgc	1
/ehDyn_LoSpdLearnt_Cnt_M_lgc	1
ehDyn_MaxOffset_HwDeg_M_f32	498.950012
ehDyn_MinOffset_HwDeg_M_f32	-1265.37
/ehDyn_PinTrqSV_M_str.SV_Uls_f32	8.89999962
ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000277000014
ehDyn_SLPHwAuth_Uls_M_f32	0.597000003
/	-1322.39001
ehDyn_SrlHwAgVldTimer_mS_M_u32	4243378688
HiSpdVDAuthority_Uls_f32	0
_HwTqMgnThd_HwNm_f32	6.5
_LoSpdVDAuthority_Uls_f32	0.779999971
	65
SystkinPatio_MtrDognHwDog_f32	100
x_SysKinRatio_MtrDegpHwDeg_f32	
TravelXCDeadband_Uls_f32	38.6899986
TravelXCHwAuthority_Uls_f32	0.0472499989
arget_DtrmnElapsedTime_mS_u32_ElapsedTime arget_GetSystemTime_mS_u32_CurrentTime	3323480832
	1662097408

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Name	Input Value		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	4243378688		
target_Rte_Inst_Ap_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	1	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3:	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	lls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	/Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	m_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr	nt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3:	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1275.39001		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	658.822021		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.63000011		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	753.549988		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-475.299988		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1322.39001		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.89999998		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	62.8899994		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758	3174948758	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682	3796740682	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-475.299988	-475.299988 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-475.299988	-475.299988 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1662097408	1662097408	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682	3796740682	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-475.299988	-475.299988 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-475.299988	-475.299988 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948758	3174948758	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682	3796740682	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-475.299988	-475.299988 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-475.299988	-475.299988 ± 0.0009	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>V</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	· ·
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	
VehDyn_Initialize_Cnt_M_lgc	1	1	_
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>V</b>
VehDyn_MaxOffset_HwDeg_M_f32	498.950012	498.950012	
VehDyn_MinOffset_HwDeg_M_f32	-800.090027	-800.090027	<b>V</b>
VehDyn_PinTrqSV_M_str.SV_UIs_f32	8.89964294	8.89964294 ± 0.000009	· ·
VehDyn_SrlHwAgVldTimer_mS_M_u32	4243378688	4243378688	<b>V</b>
target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value	0.597000003	0.597000003 ± 0.004	<b>V</b>
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte Call VehDvn Per1 CP1 ChecknointReached	1	Rte Call VehDyn Per1 CP1 ChecknointReached	1	_



Test Step 2.30 (Repeat Count = 1)	
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	96.4000015
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	64.4000015
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.3999996
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	92.4000015
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	40437
ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	13059
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
ehDyn_AutoCntrDetSpd_M_str.Timer1_m3_u32	4004004656
,	
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-157.490005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000704000005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-157.490005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000704000005
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	44
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	52.0999985
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.1000004
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	10.3999996
ehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	2291
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
ehDyn AutoCntrHiSpd M str.Timer1 mS u32	3382212733
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656
ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-157.490005
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00110340002
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-157.490005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000834000006
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	96.1999969
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	64.4000015
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.5
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	92.4000015
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	40437
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	13059
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733
ehDyn AutoCntrLoSpd M str.Timer2 mS u32	4004004656
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-157.490005
ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	3.5799998e-005
ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-157.490005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.Sv_ois_is2	0.000704000005
, - ,	0.000704000005
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_ForceCenterEnabled_Cnt_M_lgc	0
ehDyn_ForceCenterOffset_HwDeg_M_f32	1097.43005
ehDyn_HiSpdLearnt_Cnt_M_lgc	0
ehDyn_Initialize_Cnt_M_Igc	0
ehDyn_LoSpdLearnt_Cnt_M_lgc	0
ehDyn_MaxOffset_HwDeg_M_f32	503.941986
ehDyn_MinOffset_HwDeg_M_f32	-1258.68604
ehDyn_PinTrqSV_M_str.SV_Uls_f32	13.8999996
ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000277999992
ehDyn SLPHwAuth Uls M f32	0.582000017
ehDyn SLPHwPos HwDeg M f32	-1312.13
ehDyn_Strhwros_nwbeg_m_i32 ehDyn_StlHwAgVldTimer_mS_M_u32	1050692864
_HiSpdVDAuthority_UIs_f32	1
_HwTqMgnThd_HwNm_f32	0.00120000006
_LoSpdVDAuthority_Uls_f32	0.879999995
_SrlHwAgVldTiThd_mS_u32	112
_SysKinRatio_MtrDegpHwDeg_f32	50.2999992





	l		
Name	Input Value		
k_TravelXCDeadband_Uls_f32	40.1300011		
k_TravelXCHwAuthority_Uls_f32	0.048475001		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	71426560		
target_GetSystemTime_mS_u32_CurrentTime	2127166208		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	vDeg_132	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32	lm 122	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_TorqueCmdCRF_MtrN target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1269.13	2	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	669.729004		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.67000008		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	159.360001		
target VehDyn Per1 RelHwPos HwDeg f32.value	-157.490005		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1312.13		
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	8.1999981		
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	123.330002		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	- toouit
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733	3382212733	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-157.490005	-157.490005 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-157.490005	-157.490005 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2127166208	2127166208	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-157.490005	-157.490005 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-157.490005	-157.490005 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2127166208	2127166208	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-157.490005	-157.490005 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-157.490005	-157.490005 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_MaxOffset_HwDeg_M_f32	669.729004	669.729004	~
VehDyn_MinOffset_HwDeg_M_f32	-1269.13	-1269.13	•
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.8983126	13.8983135 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1050600064	1050692864	<b>✓</b>
	1050692864		
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0.879999995 0	0.879999995 ± 0.004 0 ± 0.1	~



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

est Step 2.31 (Repeat Count = 1) ame	Input Value
trmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
etSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
te_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
te_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	400.100006
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	116.099998
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	54.0999985
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53759
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18715
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2160073393
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000747999991
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1459.40002
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000747999991
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	34
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	79.0999985
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	63
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	60000
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	26195
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2160073393
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000547999982
ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1459.40002
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000877999992
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	400.799988
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	116.900002
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.800002
enDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	54.9000015
enDyn_AutoCntrLoSpd_M_str.CntrVillaow_mwbeg_is2 ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53759
enDyn_AutoCntrLoSpd_M_str.Timer1Tnresn_mS_u16 ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	18715
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2160073393
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.46000013e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1459.40002
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000747999991
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_ForceCenterEnabled_Cnt_M_lgc	1
10 5 0 1 0% 111 0 11 00	98.3300018
ehDyn_ForceCenterOffset_HwDeg_M_f32	

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Name	Input Value		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	613.765991		
VehDyn_MinOffset_HwDeg_M_f32	-1111.63794		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.20000005		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000371000002		
VehDyn_SLPHwAuth_Uls_M_f32	0.252000004		
VehDyn_StPHwPos_HwDeg_M_f32	-1086.41003 2659241984		
VehDyn_SrlHwAgVldTimer_mS_M_u32 k HiSpdVDAuthority Uls f32	0		
k_HwTqMgnThd_HwNm_f32	2.0999999		
k LoSpdVDAuthority Uls f32	1		
k SrlHwAgVldTiThd mS u32	45		
k SysKinRatio MtrDegpHwDeg f32	22		
k TravelXCDeadband Uls f32	71.8099976		
k TravelXCHwAuthority Uls f32	0.075424999		
target DtrmnElapsedTime mS u32 ElapsedTime	3524313344		
target_GetSystemTime_mS_u32_CurrentTime	1358028288		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime	4077829376		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3:	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	lpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_I	Jls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_C		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1131.41003		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	909.682983		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.48999977		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1100.64001		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1459.40002		
torget Veb Dun Dord Cell hu An Vid Cot I an volve	4		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1086.41003		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1086.41003 5.5999999		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	-1086.41003 5.5999999 1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	-1086.41003 5.5999999 1 45.3699989	Evnected Value	Rasult
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name	-1086.41003 5.5999999 1 45.3699989 <b>Actual Value</b>	Expected Value	Result
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	-1086.41003 5.5999999 1 45.3699989 <b>Actual Value</b>	1	~
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	-1086.41003 5.5999999 1 45.3699989 <b>Actual Value</b> 1 2160073393	1 2160073393	Result
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	-1086.41003 5.5999999 1 45.3699989 <b>Actual Value</b> 1 2160073393	1 2160073393 1024	, , , , , , , , , , , , , , , , , , ,
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1086.41003 5.5999999 1 45.3699989 <b>Actual Value</b> 1 2160073393 1024 -1459.40002	1 2160073393 1024 -1459.40002 ± 0.009	~
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1086.41003 5.5999999 1 45.3699989 <b>Actual Value</b> 1 2160073393 1024 -1459.40002	1 2160073393 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009	, , , , , , , , , , , , , , , , , , ,
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	-1086.41003 5.5999999 1 45.3699989 <b>Actual Value</b> 1 2160073393 1024 -1459.40002 0	1 2160073393 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 0	0
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	-1086.41003 5.5999999 1 45.3699989 Actual Value 1 2160073393 1024 -1459.40002 -1459.40002 0	1 2160073393 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 0	
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	-1086.41003 5.5999999 1 45.3699989 <b>Actual Value</b> 1 2160073393 1024 -1459.40002 0	1 2160073393 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 0	
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	-1086.41003 5.5999999 1 45.3699989 Actual Value 1 2160073393 1024 -1459.40002 -1459.40002 0 0	1 2160073393 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 0 1	
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	-1086.41003 5.5999999 1 45.3699989 Actual Value 1 2160073393 1024 -1459.40002 -1459.40002 0 0 1	1 2160073393 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 0	
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	-1086.41003 5.5999999 1 45.3699989 Actual Value 1 2160073393 1024 -1459.40002 -1459.40002 0 0 1 1 1 1358028288	1 2160073393 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 0 1 1 1358028288	
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	-1086.41003 5.5999999 1 45.3699989  Actual Value 1 2160073393 1024 -1459.40002 -1459.40002 0 0 1 1 1 1358028288 1024	1 2160073393 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 0 1 1 1 1358028288 1024	
target_VehDyn_Per1_SrIHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1086.41003 5.5999999 1 45.3699989  Actual Value 1 2160073393 1024 -1459.40002 0 0 1 1 1 1358028288 1024 -1459.40002	1 2160073393 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 0 1 1 1 1358028288 1024 -1459.40002 ± 0.009	
target_VehDyn_Per1_SrIHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1086.41003 5.5999999 1 45.3699989  Actual Value 1 2160073393 1024 -1459.40002 0 0 1 1 1 1358028288 1024 -1459.40002 -1459.40002 -1459.40002	1 2160073393 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 0 1 1 1 1358028288 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009	
target_VehDyn_Per1_SrIHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	-1086.41003 5.5999999 1 45.3699989  Actual Value 1 2160073393 1024 -1459.40002 0 0 1 1 1 1358028288 1024 -1459.40002 -1459.40002 0 0 1 1 1 1358028288	$\begin{array}{c} 1 \\ 2160073393 \\ 1024 \\ -1459.40002 \pm 0.009 \\ -1459.40002 \pm 0.009 \\ 0 \\ 0 \\ 1 \\ 1 \\ 1358028288 \\ 1024 \\ -1459.40002 \pm 0.009 \\ -1459.40002 \pm 0.009 \\ 0 \\ \end{array}$	
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	-1086.41003 5.5999999 1 45.3699989  Actual Value 1 2160073393 1024 -1459.40002 -1459.40002 0 1 1 1 1358028288 1024 -1459.40002 -1459.40002 0 1	$\begin{array}{c} 1 \\ 2160073393 \\ 1024 \\ -1459.40002 \pm 0.009 \\ -1459.40002 \pm 0.009 \\ 0 \\ 0 \\ 1 \\ 1 \\ 1358028288 \\ 1024 \\ -1459.40002 \pm 0.009 \\ -1459.40002 \pm 0.009 \\ 0 \\ 1 \\ \end{array}$	
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Platialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Platialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Platialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	-1086.41003 5.5999999 1 45.3699989  Actual Value 1 2160073393 1024 -1459.40002 -1459.40002 0 0 1 1 1358028288 1024 -1459.40002 -1459.40002 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	$ 1 \\ 2160073393 \\ 1024 \\ -1459.40002 \pm 0.009 \\ -1459.40002 \pm 0.009 \\ 0 \\ 0 \\ 1 \\ 1 \\ 1358028288 \\ 1024 \\ -1459.40002 \pm 0.009 \\ -1459.40002 \pm 0.009 \\ 0 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$	
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Spd_M_str.Sus_us2 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	-1086.41003 5.5999999 1 45.3699989  Actual Value 1 2160073393 1024 -1459.40002 -1459.40002 0 0 1 1 1358028288 1024 -1459.40002 -1459.40002 0 0 1 1 1 1 0	$ 1 \\ 2160073393 \\ 1024 \\ -1459.40002 \pm 0.009 \\ -1459.40002 \pm 0.009 \\ 0 \\ 0 \\ 1 \\ 1 \\ 1358028288 \\ 1024 \\ -1459.40002 \pm 0.009 \\ -1459.40002 \pm 0.009 \\ 0 \\ 1 \\ 1 \\ 0 \\ 0 $	
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHospd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	-1086.41003 5.5999999 1 45.3699989  Actual Value 1 2160073393 1024 -1459.40002 0 0 1 1 1358028288 1024 -1459.40002 0 1 1 1 0 2160073393 1024 -1459.40002	1 2160073393 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 0 1 1 1358028288 1024 -1459.40002 ± 0.009 0 1 1 1 0 2160073393 1024 -1459.40002 ± 0.009	
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Spd_SFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHospd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	-1086.41003 5.5999999 1 45.3699989  Actual Value 1 2160073393 1024 -1459.40002 0 0 1 1 1358028288 1024 -1459.40002 0 1 1 1 0 2160073393 1024 -1459.40002 0 1 1 1 1 0 2160073393 1024 -1459.40002 -1459.40002 -1459.40002	$\begin{array}{c} 1 \\ 2160073393 \\ 1024 \\ -1459.40002 \pm 0.009 \\ -1459.40002 \pm 0.009 \\ 0 \\ 0 \\ 1 \\ 1 \\ 1358028288 \\ 1024 \\ -1459.40002 \pm 0.009 \\ -1459.40002 \pm 0.009 \\ 0 \\ 1 \\ 1 \\ 0 \\ 2160073393 \\ 1024 \\ -1459.40002 \pm 0.009 \\ -1459.40002 \pm 0.0000000000000000000000000000000$	
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	-1086.41003 5.5999999 1 45.3699989  Actual Value 1 2160073393 1024 -1459.40002 0 0 1 1 1358028288 1024 -1459.40002 0 1 1 1 0 2160073393 1024 -1459.40002 0 1 1 1 1 0 2160073393 1024 -1459.40002 -1459.40002 -1459.40002 -1459.40002	$\begin{array}{c} 1 \\ 2160073393 \\ 1024 \\ -1459.40002 \pm 0.009 \\ -1459.40002 \pm 0.009 \\ 0 \\ 0 \\ 1 \\ 1 \\ 1358028288 \\ 1024 \\ -1459.40002 \pm 0.009 \\ -1459.40002 \pm 0.009 \\ 0 \\ 1 \\ 1 \\ 0 \\ 2160073393 \\ 1024 \\ -1459.40002 \pm 0.009 \\ 1 \end{array}$	
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	-1086.41003 5.5999999 1 45.3699989  Actual Value 1 2160073393 1024 -1459.40002 0 0 1 1 1358028288 1024 -1459.40002 0 1 1 1 0 2160073393 1024 -1459.40002 0 1 1 1 0 2160073393 1024 -1459.40002 1 1 0	$\begin{array}{c} 1 \\ 2160073393 \\ 1024 \\ -1459.40002 \pm 0.009 \\ -1459.40002 \pm 0.009 \\ 0 \\ 0 \\ 1 \\ 1 \\ 1358028288 \\ 1024 \\ -1459.40002 \pm 0.009 \\ -1459.40002 \pm 0.009 \\ 0 \\ 1 \\ 1 \\ 1 \\ 0 \\ 2160073393 \\ 1024 \\ -1459.40002 \pm 0.009 \\ -1459.40002 \pm 0.009 \\ -1459.40002 \pm 0.009 \\ 1 \\ 0 \\ \end{array}$	
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	-1086.41003 5.5999999 1 45.3699989  Actual Value 1 2160073393 1024 -1459.40002 0 0 1 1 1358028288 1024 -1459.40002 0 1 1 1 0 2160073393 1024 -1459.40002 0 1 1 0 0 2160073393 1024 -1459.40002 1 1 0 0 0	$ \begin{array}{c} 1 \\ 2160073393 \\ 1024 \\ -1459.40002 \pm 0.009 \\ -1459.40002 \pm 0.009 \\ 0 \\ 0 \\ 1 \\ 1 \\ 1358028288 \\ 1024 \\ -1459.40002 \pm 0.009 \\ -1459.40002 \pm 0.009 \\ 0 \\ 1 \\ 1 \\ 0 \\ 2160073393 \\ 1024 \\ -1459.40002 \pm 0.009 \\ -1459.40002 \pm 0.009 \\ -1459.40002 \pm 0.009 \\ 1 \\ 0 \\ 0 \\ \end{array} $	
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	-1086.41003 5.5999999 1 45.3699989  Actual Value 1 2160073393 1024 -1459.40002 0 0 1 1 1358028288 1024 -1459.40002 0 1 1 1 0 2160073393 1024 -1459.40002 0 1 1 0 1 0 1 0 1 1 0 1 0 1 1 0 1 0	1 2160073393 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 0 1 1 1358028288 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 0 1 1 1 0 2160073393 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 1 0 1 1 0 1 0 1 1 0 1 1 1 1 1 1 1 1	
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	-1086.41003 5.5999999 1 45.3699989  Actual Value 1 2160073393 1024 -1459.40002 0 0 1 1 1358028288 1024 -1459.40002 0 1 1 1 0 2160073393 1024 -1459.40002 0 1 1 0 0 11 1 0 2160073393 1024 -1459.40002 1 0 0 1 1 1 1 0	1 2160073393 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 0 1 1 1358028288 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 0 1 1 1 0 2160073393 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 1 0 1 1 0 0 1 1 1 1	
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	-1086.41003 5.5999999 1 45.3699989  Actual Value 1 2160073393 1024 -1459.40002 0 0 1 1 1358028288 1024 -1459.40002 0 1 1 1 0 2160073393 1024 -1459.40002 0 1 1 1 0 2160073393 1024 -1459.40002 1 0 0 1 1 1 1 1 1	1 2160073393 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 0 1 1 1358028288 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 0 1 1 1 0 2160073393 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 1 0 1 1 1 0 0 1 1 1 1 0 1	
target_VehDyn_Per1_SrIHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enitialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Filter1Dnitialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Dnitialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	-1086.41003 5.5999999 1 45.3699989  Actual Value 1 2160073393 1024 -1459.40002 0 0 1 1 1358028288 1024 -1459.40002 0 1 1 1 0 2160073393 1024 -1459.40002 0 1 1 1 1 0 2160073393 1024 -1459.40002 0 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2160073393 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 0 1 1 1358028288 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 0 1 1 1 0 2160073393 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 1 1 1 0 0 1 1 1 1 1 1 1	
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	-1086.41003 5.5999999 1 45.3699989  Actual Value 1 2160073393 1024 -1459.40002 0 0 1 1 1 1358028288 1024 -1459.40002 0 1 1 1 0 2160073393 1024 -1459.40002 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 1 1 1	1 2160073393 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 0 1 1 1358028288 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 0 1 1 1 0 2160073393 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 1 1 1 1 0 2161073393 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
target_VehDyn_Per1_SrIHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enitialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Filter1Dnitialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Dnitialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	-1086.41003 5.5999999 1 45.3699989  Actual Value 1 2160073393 1024 -1459.40002 0 0 1 1 1358028288 1024 -1459.40002 0 1 1 1 0 2160073393 1024 -1459.40002 0 1 1 1 1 0 2160073393 1024 -1459.40002 0 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2160073393 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 0 1 1 1358028288 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 0 1 1 1 0 2160073393 1024 -1459.40002 ± 0.009 -1459.40002 ± 0.009 1 1 1 0 0 1 1 1 1 1 1 1	





Name	Actual Value	Fymaetad Value	Daguit
Name	Actual value	Expected Value	Result
VehDyn_SrlHwAgVldTimer_mS_M_u32	2659241984	2659241984	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	<b>✓</b>
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1557.72998	-1557.72998 ± 0.1	<b>✓</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	-

Test Step 2.32 (Repeat Count = 1)	
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	100.099998
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.0999985
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.1000004
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	10.1000004
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	2291
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58929
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-354.700012
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000706000021
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-354.700012
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000706000021
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	96.3000031
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	34.0999985
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	20.5
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38868
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	57944
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3589476707
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-354.700012
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00114409998
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-354.700012
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000836000021
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	100.400002
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	52.5400009
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.5
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	10.1999998
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	2291
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	58929
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476707
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-354.700012
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.61999992e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-354.700012
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000706000021
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_ForceCenterEnabled_Cnt_M_lgc	1
/ehDyn ForceCenterOffset HwDeg M f32	1197.33997

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Name	Input Value		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	508.93399		
VehDyn_MinOffset_HwDeg_M_f32	-1252.00195		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-18.7999992		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000279		
VehDyn_SLPHwAuth_Uls_M_f32	0.566999972		
VehDyn_SLPHwPos_HwDeg_M_f32	-1301.87		
VehDyn_SrlHwAgVldTimer_mS_M_u32	3039943680		
k_HiSpdVDAuthority_Uls_f32	0		
k_HwTqMgnThd_HwNm_f32	1.10000002		
k_LoSpdVDAuthority_UIs_f32	0.99000001 1385		
k_SrlHwAgVIdTiThd_mS_u32	10.1000004		
k_SysKinRatio_MtrDegpHwDeg_f32 k TravelXCDeadband Uls f32	41.5699997		
k_TravelXCHwAuthority_Uls_f32	0.0496999994		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2430672128		
target_GetSystemTime_mS_u32_CurrentTime	4243378688		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	Jls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1262.87		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	680.635986		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.71000004		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1100.40002		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-354.700012		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1301.87 -8.39999962		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	56.75		
Name	Actual Value	Expected Value	Result
	Actual Value	1	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707	3589476707	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631	4211268631	j
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-354.700012	-354.700012 ± 0.0009	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-354.700012	-354.700012 ± 0.0009	
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	-
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	-
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4243378688	4243378688	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631	4211268631	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-354.700012	-354.700012 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-354.700012	-354.700012 ± 0.0009	-
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476707	3589476707	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631	4211268631	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-354.700012	-354.700012 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-354.700012	-354.700012 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	-
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	·
VehDyn_MaxOffset_HwDeg_M_f32	680.635986	680.635986	





Name	Actual Value	Expected Value	Result
VehDyn_MinOffset_HwDeg_M_f32	-1262.87	-1262.87	✓
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-18.7928352	-18.7928352 ± 0.00009	✓
VehDyn_SrlHwAgVldTimer_mS_M_u32	3039943680	3039943680	✓
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	✓
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1552.04004	-1552.04004 ± 0.1	✓

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	<b>~</b>

Test Step 2.33 (Repeat Count = 1)	Janua Value
lame	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	86.300031
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.2999992
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.2999992
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	78.3000031
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	32821
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	53946
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1081.09998
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000731999986
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1081.09998
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000731999986
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	566.099976
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	125.230003
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	11.3999996
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	62.5
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2760420809
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1081.09998
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000531999976
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1081.09998
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000861999986
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	86.300031
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	52.5999985
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.2999992
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	6
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	32821
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	53946
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420809
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1081.09998
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.13999987e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1081.09998
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000731999986
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0

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Name	Input Value		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-700.950012		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	573.830017		
VehDyn MinOffset HwDeg M f32	-1165.10999		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	18.7999992		
VehDyn PinTrgSV M str.K Uls f32	0.000362999999		
VehDyn SLPHwAuth Uls M f32	0.372000009		
VehDyn_SLPHwPos_HwDeg_M_f32	-1168.48999		
VehDyn_SrlHwAgVldTimer_mS_M_u32	5477		
k_HiSpdVDAuthority_UIs_f32	0		
k_HwTqMgnThd_HwNm_f32	1.5		
k_LoSpdVDAuthority_UIs_f32	1		
k_SrlHwAgVldTiThd_mS_u32	456		
k_SysKinRatio_MtrDegpHwDeg_f32	75.0999985		
k_TravelXCDeadband_Uls_f32	60.2900009		
k TravelXCHwAuthority Uls f32	0.065624997		
target DtrmnElapsedTime mS u32 ElapsedTime	4180236544		
target_GetSystemTime_mS_u32_CurrentTime	3304439296		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_C	nt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1181.48999		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	822.427002		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.03999996		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-900.01001		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1081.09998		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target VehDyn Per1 SrlHwAg HwDeg f32.value	-1168.48999		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.29999995		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target VehDyn Per1 VehicleSpeed Kph f32.value	245.080002		
	Actual Value	Expected Value	Posul
Name VehDun Alleudi SadAuteCate Cet M. Ige	Actual Value	Expected Value	Resul
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	•
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1 2760420809	1 2760420809	•
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1 2760420809 2760420809	1 2760420809 2760420809	•
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 2760420809 2760420809 -1081.09998	1 2760420809 2760420809 -1081.09998 ± 0.009	•
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1 2760420809 2760420809 -1081.09998 -1081.09998	1 2760420809 2760420809 -1081.09998 ± 0.009 -1081.09998 ± 0.009	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1 2760420809 2760420809 -1081.09998 -1081.09998	1 2760420809 2760420809 -1081.09998 ± 0.009 -1081.09998 ± 0.009 0	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1 2760420809 2760420809 -1081.09998 -1081.09998 0	1 2760420809 2760420809 -1081.09998 ± 0.009 -1081.09998 ± 0.009 0	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1 2760420809 2760420809 -1081.09998 -1081.09998 0	1 2760420809 2760420809 -1081.09998 ± 0.009 -1081.09998 ± 0.009 0 0	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1 2760420809 2760420809 -1081.09998 -1081.09998 0 0	1 2760420809 2760420809 -1081.09998 ± 0.009 -1081.09998 ± 0.009 0 0	
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Name	Actual Value	Expected Value	Result
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	573.830017	573.830017	~
VehDyn_MinOffset_HwDeg_M_f32	-100.390015	-100.389999	✓
VehDyn_PinTrqSV_M_str.SV_Uls_f32	18.7957363	18.7957382 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	5477	5477	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-380.149963	-380.149994 ± 0.1	<b>~</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.34 (Repeat Count = 1)	
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	400.100006
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	116.099998
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	54.0999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53759
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18715
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2160073393
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000747999991
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1459.40002
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000747999991
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	34
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	79.0999985
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	63
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	60000
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	26195
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2160073393
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000547999982
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1459.40002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000877999992
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0
/ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	400.799988
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	116.900002
/ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	10.8000002
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	54.9000015
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53759
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	18715
/ehDyn AutoCntrLoSpd M str.Timer1 mS u32	2160073393
/ehDyn AutoCntrLoSpd M str.Timer2 mS u32	1024
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	4.46000013e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1459.40002
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000747999991
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	98.3300018		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	613.765991		
VehDyn_MaxOffset_HwDeg_M_f32	-1111.63794		
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32	0		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000371000002		
VehDyn SLPHwAuth Uls M f32	0.252000004		
VehDyn_SLPHwPos_HwDeg_M_f32	-1086.41003		
VehDyn SrlHwAgVldTimer mS M u32	2659241984		
k_HiSpdVDAuthority_UIs_f32	0		
k HwTgMgnThd HwNm f32	2.0999999		
k_LoSpdVDAuthority_UIs_f32	1		
k_SrlHwAgVldTiThd_mS_u32	45		
k_SysKinRatio_MtrDegpHwDeg_f32	45		
k_TravelXCDeadband_Uls_f32	71.8099976		
k_TravelXCHwAuthority_Uls_f32	0.075424999		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3524313344		
target_GetSystemTime_mS_u32_CurrentTime	1358028288		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_ElapsedTim$	4077829376		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u33\_CurrentTim$	2659241984		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	lpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_l		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Ci		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	6 <b>2</b>	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value	-1131.41003 909.682983		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.48999977		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1100.64001		
target VehDyn Per1 RelHwPos HwDeg f32.value	-1459.40002		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1086.41003		
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	5.5999999		
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	45.3699989		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	-
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2160073393	2160073393	•
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	1024	1024	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002	-1459.40002 ± 0.009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1459.40002	-1459.40002 ± 0.009	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	-
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1358028288	1358028288	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024	1024	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002	-1459.40002 ± 0.009	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1459.40002	-1459.40002 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	-
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2160073393	2160073393	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024	1024	_
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002	-1459.40002 ± 0.009	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1459.40002	-1459.40002 ± 0.009	_
V.D. A. O.I. O.I.M. I.E. I.E O.I.		1	<b>→</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
			•





Name	Actual Value	Expected Value	Result
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	613.765991	613.765991	~
VehDyn_MinOffset_HwDeg_M_f32	327.98999	327.98999	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-0.0034746211	-0.0034746211 ± 0.000000009	<b>✓</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	2659241984	2659241984	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	<b>~</b>
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1557.72998	-1557.72998 ± 0.1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	<b>~</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lame	Input Value
trmnElapsedTime_mS_u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
setSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
te_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime
te_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	34.7999992
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	96.8000031
ehDyn_AutoChtrDetSpd_M_str.FiltPinTrg_HwNm_f32	6.80000019
ehDyn_AutoCntrDetSpd_M_str.CntrWindow HwDeg f32	41.7999992
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	32821
· - ·	53946
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3174948758
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00066999979
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000669999979
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	665
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	106.5
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	63.4000015
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	40437
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	13059
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948758
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00041149999
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00079999998
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	34.2000008
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	96.0999985
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.19999981
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.0999985
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	32821
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	53946
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948758
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.90000007e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012
ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000669999979

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Input Value



Name



Name	input value		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn ForceCenterOffset HwDeg M f32	-601.039978		
VehDyn HiSpdLearnt Cnt M Igc	1		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	419.078003		
VehDyn_MinOffset_HwDeg_M_f32	-1372.31396		
VehDyn PinTrqSV M str.SV Uls f32	15.1999998		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000261000008		
VehDyn_SLPHwAuth_Uls_M_f32	0.837000012		
VehDyn_SLPHwPos_HwDeg_M_f32	-1486.55005		
VehDyn_SrlHwAgVldTimer_mS_M_u32	954802432		
k_HiSpdVDAuthority_UIs_f32	0.272780001		
k_HwTqMgnThd_HwNm_f32	3.099999		
	1		
k_LoSpdVDAuthority_UIs_f32			
k_SrlHwAgVIdTiThd_mS_u32	9000		
k_SysKinRatio_MtrDegpHwDeg_f32	63.0999985		
k_TravelXCDeadband_Uls_f32	15.6499996		
k_TravelXCHwAuthority_Uls_f32	0.0276500005		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2127166208		
target_GetSystemTime_mS_u32_CurrentTime	437658624		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_Elapse			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTi			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3	32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRa	dpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f	32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_	Uls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_H	wDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mtr	Nm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_0	Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f	32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1375.55005		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	484.309998		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.10000038		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154.199997		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	731.700012		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1486.55005		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	0		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	45.7900009		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	Nesult
VehDyn_AiloWhiSpuAuloChtt_Cht_wi_gc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758	3174948758	
VehDyn AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn AutoCntrDetSpd M str.Timer2 mS u32	1024	1024	
VehDyn_AutoCntrDetSpd_M_str.Timer2_ms_usz  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	_
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	
	0		
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc			
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	437658624	437658624	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024	1024	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	~
VehDvn_AutoCntrHiSnd_M_str_Filter1Enable_Cnt_lgc	0	0	<b>✓</b>

0

1

0

0

1024

3174948758

731.700012

731.700012

0

1

1

0

0

1024

3174948758

731.700012 ± 0.0009

731.700012 ± 0.0009

VehDyn\_AutoCntrLoSpd\_M\_str.Filter1Enable\_Cnt\_lgc VehDyn\_AutoCntrLoSpd\_M\_str.Filter2Enable\_Cnt\_lgc

VehDyn\_AutoCntrHiSpd\_M\_str.Filter1Enable\_Cnt\_lgc

VehDyn\_AutoCntrHiSpd\_M\_str.Filter2Enable\_Cnt\_lgc

 $VehDyn\_AutoCntrHiSpd\_M\_str.Filter1Initialized\_Cnt\_lgc$ 

VehDyn\_AutoCntrHiSpd\_M\_str.Filter2Initialized\_Cnt\_lgc

VehDyn\_AutoCntrLoSpd\_M\_str.RelHwPosFilt1SV\_HwDeg\_str.SV\_Uls\_f32 VehDyn\_AutoCntrLoSpd\_M\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32

VehDyn\_AutoCntrLoSpd\_M\_str.Timer1\_mS\_u32

VehDyn\_AutoCntrLoSpd\_M\_str.Timer2\_mS\_u32





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	-247.390015	-247.389999	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-1372.31396	-1372.31396	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	15.1936579	15.1936579 ± 0.00009	<b>✓</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	954802432	954802432	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1332.73999	1332.73999 ± 0.1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lame	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTim
Rte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	600.200012
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	126.199997 12.1999998
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	85.1999969
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	14442
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000750000007
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	459.209991
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000750000007
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	2.0999999
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	199
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3.20000005
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	88.1999969
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	30000
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	43128
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000549999997
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	459.209991
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000880000007
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	1
ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	600.900024
'ehDyn AutoCntrLoSpd M str.VehSpd kph f32	126.800003
/ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	12.8999996
/ehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	85.8000031
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442
/ehDyn_AutoCntrLoSpd_M_str.Timer2+mesit_ms_u+o	54822322
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991
/ehDyn_AutoCntrLoSpd_M_str.ReinwFoSFilt13V_HwDeg_str.Sv_0is_i32	4.50000007e-005





Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	459.209991		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000750000007		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	198.240005		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn Initialize Cnt M Igc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn MaxOffset HwDeg M f32	618.757996		
VehDyn_MinOffset_HwDeg_M_f32	-1104.95398		
VehDyn PinTrqSV M str.SV Uls f32	-5.4000001		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00037200001		
VehDyn SLPHwAuth Uls M f32	0.237000003		
VehDyn_SLPHwPos_HwDeg_M_f32	-1076.15002		
VehDyn_SrlHwAgVldTimer_mS_M_u32	2942063360		
k_HiSpdVDAuthority_Uls_f32	0.670000017		
k_HwTqMgnThd_HwNm_f32	3.0999999		
k_LoSpdVDAuthority_UIs_f32	0		
k SrlHwAgVldTiThd mS u32	65		
k_SysKinRatio_MtrDegpHwDeg_f32	78.3000031		
k TravelXCDeadband Uls f32	73.25		
k TravelXCHwAuthority Uls f32	0.0766500011		
target DtrmnElapsedTime mS u32 ElapsedTime	2108719104		
target_GetSystemTime_mS_u32_CurrentTime	123		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 Elapse			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTir		<b>5</b> 22	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrF		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg	_	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthorit		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_	-	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lo		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_t		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_N		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph	_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1125.15002		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	920.590027		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.56999969		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-897.599976		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	459.209991		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1076.15002		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	456.179993		
Name	Actual Value	Expected Value	Resu
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322	54822322	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322	54822322	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991	459.209991 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	459.209991	459.209991 ± 0.0009	•
,	1111		

target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	456.179993		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322	54822322	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322	54822322	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991	459.209991 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	459.209991	459.209991 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	123	123	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322	54822322	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991	459.209991 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	459.209991	459.209991 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	123	123	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322	54822322	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991	459.209991 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	459.209991	459.209991 ± 0.0009	~





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	461.380035	461.380005	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-1104.95398	-1104.95398	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.40158939	-5.40158939 ± 0.000009	✓
VehDyn_SrlHwAgVldTimer_mS_M_u32	2942063360	2942063360	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	260.969971	260.970001 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Name	Input Value
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OtrmnElapsedTime_mS_u32(ElapsedTime)  GetSystemTime mS u32(CurrentTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime target GetSystemTime mS u32 CurrentTime
Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime
	· · - · · ·
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	0
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	0
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	0
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	0
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	0
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	0
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	0
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	0
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	0
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0
/ehDyn AutoCntrHiSpd M str.Timer2 mS u32	0
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1600
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
/ehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	0
/ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	0
/ehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt lgc	0
/ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0
/ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	0
/ehDyn AutoCntrLoSpd M str.VehSpd kph f32	0
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	0
/ehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	0
/ehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	0
/ehDyn AutoCntrLoSpd_M_str.TimerTrinesh_mS_u16	0

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600		
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	2.51327106e-006		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600		
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	2.51327106e-006		
	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc			
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1600		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn MaxOffset HwDeg M f32	-2840		
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-18.7999992		
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51327106e-006		
	0		
VehDyn_SLPHwAuth_Uls_M_f32			
VehDyn_SLPHwPos_HwDeg_M_f32	-1600		
VehDyn_SrlHwAgVldTimer_mS_M_u32	0		
k_HiSpdVDAuthority_Uls_f32	0		
k_HwTqMgnThd_HwNm_f32	0		
k_LoSpdVDAuthority_Uls_f32	0		
k_SrlHwAgVldTiThd_mS_u32	0		
k_SysKinRatio_MtrDegpHwDeg_f32	1		
k_TravelXCDeadband_Uls_f32	0		
k_TravelXCHwAuthority_Uls_f32	0		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	0		
target GetSystemTime mS u32 CurrentTime	0		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	lls_f32	
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessHwPos HwDeg f32	target_VehDyn_Per1_SensorlessHwPos_Hw	Deg f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	0_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	m f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3:	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1440.10999		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	360		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-10		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1118		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1600		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1600		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.80000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target VehDyn Per1 VehicleSpeed Kph f32.value	0		
		From a stand Walter	D
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0	0	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc		0	
vondyn_AutoOntribetopu_ivi_str.r interzinittalizeu_Ont_igc		V	
Vah Dun Auto Catal li Cad M ata Timont at C :: 00	0	0	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0	0	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0 0 -1600	0 -1600 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0 0 -1600	0 -1600 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0 0 -1600 -1600	0 -1600 ± 0.009 -1600 ± 0.009	• •
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0 0 -1600 -1600 0	0 -1600 ± 0.009 -1600 ± 0.009 0	<b>*</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0 0 -1600 -1600 0	0 -1600 ± 0.009 -1600 ± 0.009 0	<b>*</b>



Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0	0	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	360	360	~
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999	-1440.10999	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-18.7999992	-18.7999992 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	0	0	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0	0 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	<b>✓</b>

lame	Input Value
OtrmnElapsedTime mS u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime
Rte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_VehDyn	target Rte Inst Ap VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	539.299988
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	186.300003
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.3000002
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.3000031
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43128
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58869
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4290967295
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892860
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	355.5
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000688
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.5
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000688
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	498
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	196
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53759
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	18715
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4290967295
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892860
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	355.5
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000777799985
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.5
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000818
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	539.700012
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	186.600006
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.6999998
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.5999985

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43128		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	58869		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4290967295		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892860		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	355.5		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.26000008e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.5		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000688		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	298.149994		
VehDyn_ForceCenterOffset_HwDeg_M_f32 VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn Initialize Cnt M Igc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	464.006012		
VehDyn MinOffset HwDeg M f32	-1312.15796		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1.60000002		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00125584786		
VehDyn_SLPHwAuth_Uls_M_f32	0.702000022		
VehDyn_SLPHwPos_HwDeg_M_f32	-1394.20996		
VehDyn_SrlHwAgVldTimer_mS_M_u32	3437401088		
k_HiSpdVDAuthority_Uls_f32	1		
k_HwTqMgnThd_HwNm_f32	6.32000017		
k_LoSpdVDAuthority_UIs_f32	0.800000012		
k_SrlHwAgVldTiThd_mS_u32	987		
k_SysKinRatio_MtrDegpHwDeg_f32	96.5		
k_TravelXCDeadband_Uls_f32	28.6100006		
k_TravelXCHwAuthority_Uls_f32	0.038674999		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	309385728		
target_GetSystemTime_mS_u32_CurrentTime	2269150976		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	· <del>-</del>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_L		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SensorlessHwPos_Hw	/Deg_132	
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAg HwDeg f32	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	m f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target VehDyn Per1 VehicleSpeed Kph f3		
target VehDyn Per1 CcwEOT HwDeg f32.value	-1319.20996	_	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	582.473022		
target VehDyn Per1 HwTorque HwNm f32.value	-7.11999989		
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	-900.450012		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	355.5		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1394.20996		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.60000002		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	156.550003		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4290967295	4290967295	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892860	2345892860	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	355.5	355.5 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.5	355.5 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2269150976	2269150976	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892860	2345892860	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	355.5	355.5 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.5	355.5 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	



Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2269150976	2269150976	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892860	2345892860	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	355.5	355.5 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.5	355.5 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	582.473022	582.473022	~
VehDyn_MinOffset_HwDeg_M_f32	-1319.20996	-1319.20996	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60695314	-1.60695314 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	3437401088	3437401088	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	57.3500061	57.3499985 ± 0.1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	-

Test Step 2.39 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	350.5
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.5
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.5
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	56.5
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000745999976
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000745999976
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	66.1999969
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	69
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7.0999999
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	41
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	0
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	12258
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000546000025
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000875999976
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	1

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VehDyn\_Per1



Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	350.899994		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	106.800003		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.89999962		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	56.7999992		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	25532		
VehDyn_AutoCntrl oSpd_M_str.Timer2Thresh_mS_u16	27401 4211268631		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631		
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1146.91003		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.41999982e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000745999976		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1 -1.58000004		
VehDyn_ForceCenterOffset_HwDeg_M_f32 VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn Initialize Cnt M Igc	0		
VehDyn LoSpdLearnt Cnt M Iqc	0		
VehDyn MaxOffset HwDeg M f32	608.773987		
VehDyn_MinOffset_HwDeg_M_f32	-1118.32202		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.80000019		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000369999994		
VehDyn_SLPHwAuth_Uls_M_f32	0.26699999		
VehDyn_SLPHwPos_HwDeg_M_f32	-1096.67004		
VehDyn_SrlHwAgVldTimer_mS_M_u32	800969984		
k_HiSpdVDAuthority_Uls_f32	1		
k_HwTqMgnThd_HwNm_f32	1.10000002		
k_LoSpdVDAuthority_Uls_f32	0		
k_SrlHwAgVIdTiThd_mS_u32	12		
k_SysKinRatio_MtrDegpHwDeg_f32	96.0999985		
k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32	70.3700027 0.0741999969		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2339853824		
target_GetSystemTime_mS_u32_CurrentTime	3351443200		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_Elapsed			
target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTim			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f	32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_	f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrR	adpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_	_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_	· · ·	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lg		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_M		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeedValid_ target_VehDyn_Per1_VehicleSpeed_Kph_		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1137.67004	_132	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	898.776001		
target VehDyn Per1 HwTorque HwNm f32.value	-9.40999985		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	159.139999		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1146.91003		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1096.67004		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	38.6699982		
Name	Actual Value	Expected Value	Resul
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631	4211268631	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631	4211268631	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	0	0	
VehDyn_AutoCntrDetopo_W_str.Timer1_mS_u32	3351443200	3351443200	
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	4211268631	4211268631	

4211268631

4211268631





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3351443200	3351443200	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631	4211268631	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	898.776001	898.776001	~
VehDyn_MinOffset_HwDeg_M_f32	-1137.67004	-1137.67004	•
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.79365158	7.7936511 ± 0.000009	•
VehDyn_SrlHwAgVldTimer_mS_M_u32	800969984	800969984	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1148.48999	1148.48999 ± 0.1	~

Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.40 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	600.200012
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	126.199997
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.1999998
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	85.1999969
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	14442
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000750000007
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	459.209991
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000750000007
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1.
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	0
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	199
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3.20000005
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	88.1999969
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	30000
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	43128
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000549999997
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	459.209991
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000880000007

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Name	Input Value		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	600.900024		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	126.800003 12.8999996		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	85.8000031		
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	13352		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.50000007e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	459.209991		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000750000007		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn ForceCenterEnabled Cnt M Igc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	198.240005		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	618.757996		
VehDyn_MinOffset_HwDeg_M_f32	-1104.95398		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-5.4000001		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00037200001		
VehDyn_SLPHwAuth_UIs_M_f32 VehDyn SLPHwPos HwDeg M f32	0.237000003 -1076.15002		
VehDyn_SrlHwAgVldTimer_mS_M_u32	2942063360		
k HiSpdVDAuthority UIs f32	0.670000017		
k HwTqMgnThd HwNm f32	3.099999		
k_LoSpdVDAuthority_UIs_f32	0		
k_SrlHwAgVldTiThd_mS_u32	65		
k_SysKinRatio_MtrDegpHwDeg_f32	78.3000031		
k_TravelXCDeadband_Uls_f32	73.25		
k_TravelXCHwAuthority_UIs_f32	0.0766500011		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2108719104		
target_GetSystemTime_mS_u32_CurrentTime	123		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target VehDyn Per1 CcwEOT HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRac		
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos HwDeg f		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_	Uls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_H		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mtrl		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_C		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f	32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1125.15002		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	920.590027		
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-9.56999969 -897.599976		
target_VenDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-897.599976 459.209991		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1076.15002		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	456.179993		
Name	Actual Value	Expected Value	Resu
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322	54822322	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322	54822322	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991	459.209991 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	459.209991	459.209991 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	1	1	•





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	123	123	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322	54822322	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991	459.209991 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	459.209991	459.209991 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	123	123	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322	54822322	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991	459.209991 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	459.209991	459.209991 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	461.380035	461.380005	~
VehDyn_MinOffset_HwDeg_M_f32	-1104.95398	-1104.95398	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.40158939	-5.40158939 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2942063360	2942063360	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	260.969971	260.970001 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.41 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	566.299988
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	32.2999992
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.2999992
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	53.2999992
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	37799
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	41632
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	829.530029
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000723999983
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	829.530029
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000723999983
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	700
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	189
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.1000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	22.1000004
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	14442
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1078320779
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	383750110

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VehDyn\_Per1



Name	Input Value		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	829.530029		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000523999974		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	829.530029		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000853999984		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrl oSpd_M_str.Filter2Initialized_Cnt_lgc	0 566.799988		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	32.7999992		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.7999992		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	53.599985		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	37799		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	41632		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1078320779		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	383750110		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	829.530029		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.98000011e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	829.530029		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000723999983		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1100.58997		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	553.862		
VehDyn_MinOffset_HwDeg_M_f32	-1191.84595		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.5999999		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000358999998		
VehDyn_SLPHwAuth_Uls_M_f32	0.432000011		
VehDyn_SLPHwPos_HwDeg_M_f32	-1209.53003		
VehDyn_SrlHwAgVldTimer_mS_M_u32	954802432		
k_HiSpdVDAuthority_Uls_f32 k_HwTqMgnThd_HwNm_f32	0.119999997		
k_LoSpdVDAuthority_Uls_f32	0.800000012		
k_SrlHwAgVldTiThd_mS_u32	951		
k_SysKinRatio_MtrDegpHwDeg_f32	52.0999985		
k TravelXCDeadband Uls f32	54.5299988		
k_TravelXCHwAuthority_Uls_f32	0.0607249998		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2303132928		
target_GetSystemTime_mS_u32_CurrentTime	309385728		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_ElapsedT$			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3 target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Ois_132  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessAuthority_C		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	120 <u>9_</u> 102	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Ci	_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1206.53003		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	778.799011		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1023.09998		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	829.530029		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1209.53003		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.5		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	500.024994		
target_venibyn_Peri_venicieSpeed_kpn_t3z.value  Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M lgc	1	Expected Value	Resul
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1078320779	1078320779	
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	383750110	383750110	

383750110

383750110





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	829.530029	829.530029 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	829.530029	829.530029 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	309385728	309385728	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	383750110	383750110	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	829.530029	829.530029 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	829.530029	829.530029 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1078320779	1078320779	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	383750110	383750110	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	829.530029	829.530029 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	829.530029	829.530029 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	-50.7310181	-50.730999	~
VehDyn_MinOffset_HwDeg_M_f32	-1191.84595	-1191.84595	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.59979486	7.59979486 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	954802432	954802432	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.432000011	0.432000011 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-380	-380 ± 0.1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	~

Test Step 2.42 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	63.4000015
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	124.400002
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.3999996
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.4000015
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	8366
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	51002
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000725999998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000725999998
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	350.600006
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	147
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	15
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.0999985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21364
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52716

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Name  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFit1SV_HwDeg_str.SV_Uls_f32	Input Value 2138628886 2138628886
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2138628886
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	
Valancia AutoCatal ICad M. etc. Dell lu Des Filtd CV. Llu Descrite V. Illa 522	1123.40002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000525999989
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000855999999
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	63.099985
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	124.199997
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.2000008
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.3000031
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	8366 51002
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.02000005e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000725999998
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1000.67999
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	558.854004
VehDyn_MinOffset_HwDeg_M_f32	-1185.16199
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.5
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000360000005
VehDyn_SLPHwAuth_Uls_M_f32	0.416999996
VehDyn_SLPHwPos_HwDeg_M_f32	-1199.27002
VehDyn_SrlHwAgVIdTimer_mS_M_u32	2728878080
k_HiSpdVDAuthority_Uls_f32 k_HwTqMgnThd_HwNm_f32	1 5,4499981
k_LoSpdVDAuthority Uls f32	0.89999976
k_cospovDAdditionty_ois_i32	4856
k_SysKinRatio_MtrDegpHwDeg_f32	41.2999992
k TravelXCDeadband Uls f32	55.9700012
k_TravelXCHwAuthority_Uls_f32	0.0619499981
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4129141760
target_GetSystemTime_mS_u32_CurrentTime	4164171008
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTi	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	2728878080
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1200.27002
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	789.705994
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.01000023
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-147.100006 4422.40002
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1123.40002
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1199.27002 1 6000002
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.60000002 0
target VehDyn Per1 VehicleSpeedValid Cnt Ige value	V
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	499 089996
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name	499.089996  Actual Value Expected Value Result





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886	2138628886	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886	2138628886	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4164171008	4164171008	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886	2138628886	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4164171008	4164171008	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886	2138628886	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	-333.694031	-333.694	~
VehDyn_MinOffset_HwDeg_M_f32	-1185.16199	-1185.16199	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.5019697	1.5019697 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2728878080	2728878080	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600	1600 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.43 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime	
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	10.1999998	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	84.1999969	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.19999981	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.1999969	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	3658	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	5853	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892860	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892860	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-378.170013	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000728000014	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-378.170013	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000728000014	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124.199997	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	0	

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	9.10000038
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	42.5
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	33198
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2345892860
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892860
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-378.170013
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000528000004
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	-378.170013
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000858000014
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	10.1000004
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	84.0999985
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.5
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.0999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	3658
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	5853
VehDyn_AutoCntrl_oSpd_M_str.Timer1_mS_u32	2345892860
VehDyn_AutoCntrl_oSpd_M_str.Timer2_mS_u32	2345892860
VehDyn_AutoCotrl_oSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-378.170013 4.05000000 005
VehDyn_AutoCntrloSpd_M_str.RelHwPosFilt1SV_HwDog_str.K_UIs_f32	4.0599999e-005 -378.170013
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32	0.000728000014
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1 0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
	-900.77002
VehDyn_ForceCenterOffset_HwDeg_M_f32 VehDyn_HiSpdLearnt_Cnt_M_lgc	-900.77002 1
	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	563.846008
VehDyn_MinOffset_HwDeg_M_f32	-1178.47803
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000002
VehDyn PinTrqSV M str.K Uls f32	0.000361000013
VehDyn SLPHwAuth Uls M f32	0.40200001
VehDyn_SLPHwPos_HwDeg_M_f32	-1189.01001
VehDyn SrlHwAgVldTimer mS M u32	824746752
k HiSpdVDAuthority UIs f32	0
k_HwTqMgnThd_HwNm_f32	6.32000017
k_LoSpdVDAuthority_UIs_f32	1
k SrlHwAqVldTiThd mS u32	90
k_SysKinRatio_MtrDegpHwDeg_f32	63.5
k TravelXCDeadband Uls f32	57.4099998
k TravelXCHwAuthority Uls f32	0.0631750003
target DtrmnElapsedTime mS u32 ElapsedTime	2836768512
target_GetSystemTime_mS_u32_CurrentTime	437658624
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi	824746752
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1194.01001
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	800.612976
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.01999998
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	88.8000031
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-378.170013
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1189.01001
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999





Name	Input Value		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	120.339996		
Name	Actual Value	Expected Value	Resul
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892860	2345892860	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892860	2345892860	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-378.170013	-378.170013 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-378.170013	-378.170013 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2345892860	2345892860	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892860	2345892860	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-378.170013	-378.170013 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-378.170013	-378.170013 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892860	2345892860	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892860	2345892860	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-378.170013	-378.170013 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-378.170013	-378.170013 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	
VehDyn_Initialize_Cnt_M_lgc	1	1	•
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	•
VehDyn_MaxOffset_HwDeg_M_f32	800.612976	800.612976	•
VehDyn_MinOffset_HwDeg_M_f32	-1194.01001	-1194.01001	
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.59686208	-1.59686208 ± 0.000009	
VehDyn_SrlHwAgVldTimer_mS_M_u32	824746752	824746752	
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.40200001	0.40200001 ± 0.004	•
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	-1567.18005	-1567.18005 ± 0.1	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
DtrmnElapsedTime_mS_u32	2	DtrmnElapsedTime_mS_u32	2	•
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	~

Test Step 2.44 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	56.0999985
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	64.0999985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.099999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	45.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	29076
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	43868
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1415.88
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000730000029
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1415.88
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000730000029
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	456
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	255
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.19999981
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52.200008
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	34188
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1415.88
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000530000019
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1415.88
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000859999971
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	56.7000008
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	64.0999985
VehDyn_AutoCottleSod_M_str.FiltPinTrq_HwNm_f32	4.69999981
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	45.099985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	29076 43868
VehDyn_AutoCntrLoSpd_M_str.Timer21nresn_ms_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4.3868 2553156835
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1415.88
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.0999993e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1415.88
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000730000029
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1.
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	-800.859985
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	568.838013
VehDyn_MinOffset_HwDeg_M_f32	-1171.79395
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.8000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000361999992
VehDyn_SLPHwAuth_Uls_M_f32	0.386999995
VehDyn_SLPHwPos_HwDeg_M_f32	-1178.75
VehDyn_SrlHwAgVldTimer_mS_M_u32	123
k_HiSpdVDAuthority_UIs_f32	0.999000013
k_HwTqMgnThd_HwNm_f32	
k_LoSpdVDAuthority_UIs_f32	0 70
k_SrlHwAgVldTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32	88.0999985
k TravelXCDeadband Uls f32	58.8499985
k TravelXCHwAuthority Uls f32	0.0644000024
target DtrmnElapsedTime mS u32 ElapsedTime	2478427648
target_GetSystemTime_mS_u32_CurrentTime	3941357312
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTi	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1187.75
	044 50000
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	811.52002
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.03000021
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	7.03000021 -75.9000015
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.03000021





Name	Input Value		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1178.75		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.30000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230.820007		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835	2553156835	✓
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835	2553156835	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1415.88	-1415.88 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1415.88	-1415.88 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3941357312	3941357312	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835	2553156835	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1415.88	-1415.88 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1415.88	-1415.88 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3941357312	3941357312	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835	2553156835	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1415.88	-1415.88 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1415.88	-1415.88 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	811.52002	811.52002	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-1187.75	-1187.75	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.7921276	-14.7921276 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	123	123	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.386999995	0.386999995 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.45 (Repeat Count = 1)	<u> </u>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	86.3000031
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.2999992
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.2999992
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	78.3000031
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1081.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000731999986
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1081.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000731999986

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	566.099976
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	125.230003
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	11.3999996
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	62.5
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2760420809
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1081.09998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000531999976
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1081.09998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0.000861999986 0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	1
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	86.3000031
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	52.5999985
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.2999992
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	6
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420809
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1081.09998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.13999987e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1081.09998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000731999986
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	-700.950012
VehDyn HiSpdLearnt Cnt M Igc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	573.830017
VehDyn_MinOffset_HwDeg_M_f32	-1165.10999
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7999992
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000362999999
VehDyn_SLPHwAuth_Uls_M_f32	0.372000009
VehDyn_SLPHwPos_HwDeg_M_f32	-1168.48999
VehDyn_SrlHwAgVldTimer_mS_M_u32	5477
k_HiSpdVDAuthority_UIs_f32	0
k_HwTqMgnThd_HwNm_f32	1.5
k_LoSpdVDAuthority_UIs_f32 k SrlHwAgVldTiThd mS u32	1 456
k_SriHwagvid111nd_ms_u32 k_SysKinRatio_MtrDegpHwDeg_f32	75.0999985
k_Syskinkatio_mtrDegpHwDeg_132 k_TraveIXCDeadband_Uls_f32	/3.0999985 60.2900009
k_TraveIXCHwAuthority_Uls_f32	0.065624997
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4180236544
target_GetSystemTime_mS_u32_CurrentTime	3304439296
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_ms_u32_ElapsedTi	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1181.48999
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	822.427002





Name	Input Value		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.03999996		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-900.01001		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1081.09998		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1168.48999		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.29999995		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	245.080002		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809	2760420809	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809	2760420809	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1081.09998	-1081.09998 ± 0.009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1081.09998	-1081.09998 ± 0.009	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3304439296	3304439296	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809	2760420809	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1081.09998	-1081.09998 ± 0.009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1081.09998	-1081.09998 ± 0.009	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420809	2760420809	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1081.09998	-1081.09998 ± 0.009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1081.09998	-1081.09998 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	•
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	573.830017	573.830017	~
VehDyn_MinOffset_HwDeg_M_f32	-100.390015	-100.389999	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7960987	17.7961006 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	5477	5477	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-380.149963	-380.149994 ± 0.1	~

Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	<b>~</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.46 (Repeat Count = 1)	<b>→</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	0
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	0
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	0
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	0
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	0
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	0
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	0
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	0
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	0
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	0
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	0
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1600
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn ForceCenterOffset HwDeg M f32	-1600
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Igc	0
VehDyn LoSpdLearnt Cnt M Igc	0
VehDyn_MaxOffset_HwDeg_M_f32	-2840
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-18.7999992
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51327106e-006
VehDyn_SLPHwAuth_Uls_M_f32	0
VehDyn_SLPHwPos_HwDeg_M_f32	-1600
VehDyn SrlHwAqVldTimer mS M u32	0
k_HiSpdVDAuthority_Uls_f32	0
k HwTqMgnThd HwNm f32	0
k LoSpdVDAuthority UIs f32	0
k SrlHwAgVldTiThd mS u32	0
k_SysKinRatio_MtrDegpHwDeg_f32	1
k_TravelXCDeadband_Uls_f32	0
k TravelXCHwAuthority Uls f32	0
target DtrmnElapsedTime mS u32 ElapsedTime	0
target_GetSystemTime_mS_u32_CurrentTime	0
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT	i e
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SriHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32





Name	Input Value		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1440.10999		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	360		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-10		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1118		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1600		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1600		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.80000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	0		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	✓
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	<b>✓</b>
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0	0	<b>✓</b>
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0	0	<b>✓</b>
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	0	0	<b>✓</b>
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0	0	<b>✓</b>
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1600	-1600 ± 0.009	<b>✓</b>
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1600	-1600 ± 0.009	<b>✓</b>
VehDyn AutoCntrHiSpd M str.Filter1Enable Cnt Igc	0	0	<b>✓</b>
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	0	0	<b>✓</b>
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0	0	<b>✓</b>
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	0	0	<b>✓</b>
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1600	-1600 ± 0.009	<b>✓</b>
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1600	-1600 ± 0.009	<b>✓</b>
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	0	0	<b>✓</b>
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt lgc	0	0	_
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn HiSpdLearnt Cnt M Igc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn LoSpdLearnt Cnt M Igc	0	0	<b>✓</b>
VehDyn MaxOffset HwDeg M f32	360	360	~
VehDyn MinOffset HwDeg M f32	-1440.10999	-1440.10999	•
VehDyn PinTrqSV M str.SV Uls f32	-18.7999992	-18.7999992 ± 0.00009	~
VehDyn SrlHwAgVldTimer mS M u32	0	0	<b>✓</b>
target VehDyn Per1 SensorlessAuthority Uls f32.value	0	0 ± 0.004	~
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	-1600	-1600 ± 0.1	<b>✓</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 CheckpointReached	1	<b>V</b>

Test Step 2.47 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	98.0999985
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	18.1000004
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	32.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58929
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-736.599976
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000736000016
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-736.599976
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000736000016
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	10
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	64.6999969
, - , - , - , - , - , - , - , - , - , -	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	20
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	82.1999969
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	43190
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3186
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948758
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-736.599976
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000536000007
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-736.599976
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000866000017
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrhispd_M_str.MtrVel_MtrRadpS_f32	98.5999985
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	18.6000004
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.6000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32.5999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	58929
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948758
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-736.599976
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	4.22000012e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-736.599976
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000736000016
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	-501.130005
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	583.814026
VehDyn_MinOffset_HwDeg_M_f32	-1151.74194
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.30000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000365000014
VehDyn_SLPHwAuth_Uls_M_f32	0.342000008
VehDyn_SLPHwPos_HwDeg_M_f32	-1147.96997
VehDyn_SrlHwAgVldTimer_mS_M_u32	4178051584
k HiSpdVDAuthority UIs f32	0
	·
k_HwTqMgnThd_HwNm_f32	5.25
k_LoSpdVDAuthority_UIs_f32	1
k_SrlHwAgVldTiThd_mS_u32	987
k_SysKinRatio_MtrDegpHwDeg_f32	86.5
k_TravelXCDeadband_Uls_f32	63.1699982
k_TravelXCHwAuthority_Uls_f32	0.0680750012
target_DtrmnElapsedTime_mS_u32_ElapsedTime	170564352
target_GetSystemTime_mS_u32_CurrentTime	3714197504
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u30\_Elapsed$	2728878080
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32





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Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleS	SpeedValid_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleS	Speed_Kph_f32	
target VehDyn Per1 CcwEOT HwDeg f32.value	-1168.96997		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	844.241028		
target VehDyn Per1 HwTorque HwNm f32.value	-9.01000023		
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	-418.170013		
target VehDyn Per1 RelHwPos HwDeg f32.value	-736.599976		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1147.96997		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	20.8789997		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M lgc	1	1	
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	3174948758	3174948758	<b>~</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758	3174948758	_
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-736.599976	-736.599976 ± 0.0009	<b>✓</b>
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-736.599976	-736.599976 ± 0.0009	_
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt Igc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	_
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	0	0	_
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	3714197504	3714197504	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758	3174948758	_
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-736.599976	-736.599976 ± 0.0009	_
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-736.599976	-736.599976 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	_
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	_
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	_
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	3174948758	3174948758	<b>✓</b>
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	3174948758	3174948758	_
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-736.599976	-736.599976 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-736.599976	-736.599976 ± 0.0009	_
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	1	1	<b>✓</b>
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	0	0	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>~</b>
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0	0	_
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	·
VehDyn Initialize Cnt M Igc	1	1	_
VehDyn LoSpdLearnt Cnt M Igc	1	1	_
VehDyn MaxOffset HwDeg M f32	844.241028	844.241028	_
VehDyn MinOffset HwDeg M f32	-1168.96997	-1168.96997	_
VehDyn PinTrgSV M str.SV Uls f32	6.29439259	6.29439259 ± 0.000009	•
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Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

4178051584

-235.469971

4178051584

-235.470001 ± 0.1

1 ± 0.004

Name	Input Value
DtrmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1.
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	66.1999969
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	88.1999969
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.1999998
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.2000008
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	57944

VehDyn\_SrlHwAgVldTimer\_mS\_M\_u32

target\_VehDyn\_Per1\_SensorlessAuthority\_Uls\_f32.value

target\_VehDyn\_Per1\_SensorlessHwPos\_HwDeg\_f32.value

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2 1210.59998
$VehDyn\_AutoCntrDetSpd\_M\_str.RelHwPosFilt1SV\_HwDeg\_str.K\_Uls\_f32$	0.000737999973
$VehDyn\_AutoCntrDetSpd\_M\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f3222222222222222222222222222222222222$	2 1210.59998
$VehDyn\_AutoCntrDetSpd\_M\_str.RelHwPosFilt2SV\_HwDeg\_str.K\_Uls\_f32$	0.000737999973
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	56.200008
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	52
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	92 30404
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	30349
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1210.59998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000538000022
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1210.59998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000867999974
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	66.5999985
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	88.4000015
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.6000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.4000015
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.26000006e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000737999973
VehDyn_AutoCotrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn ForceCenterEnabled Cnt M lqc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	-401.220001
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn LoSpdLearnt Cnt M lqc	0
VehDyn MaxOffset HwDeg M f32	588.80603
VehDyn MinOffset HwDeg M f32	-1145.05798
VehDyn_PinTrqSV_M_str.SV_UIs_f32	15.1999998
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000365999993
VehDyn_SLPHwAuth_Uls_M_f32	0.326999992
VehDyn_SLPHwPos_HwDeg_M_f32	-1137.70996
VehDyn_SrlHwAgVldTimer_mS_M_u32	4077829376
k_HiSpdVDAuthority_Uls_f32	1
k_HwTqMgnThd_HwNm_f32	1.10000002
k_LoSpdVDAuthority_UIs_f32	0
k_SrlHwAgVldTiThd_mS_u32	16445
k_SysKinRatio_MtrDegpHwDeg_f32	42.0999985
k_TravelXCDeadband_Uls_f32	64.6100006
k_TravelXCHwAuthority_Uls_f32	0.0693000033
target_DtrmnElapsedTime_mS_u32_ElapsedTime	62568608
target_GetSystemTime_mS_u32_CurrentTime	2894938880
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_E	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_Curr	
	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_Hv	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmd0	CRF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpee	dValid_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpee	d_Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1162.70996		
target VehDyn Per1 CwEOT HwDeg f32.value	855.14801		
target VehDyn Per1 HwTorque HwNm f32.value	-9.09000015		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-425.869995		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1210.59998		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1137.70996		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	25.5499992		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733	3382212733	<b>✓</b>
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	3382212733	3382212733	_
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1210.59998	1210.59998 ± 0.009	<b>✓</b>
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1210.59998	1210.59998 ± 0.009	_
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1	1	•
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2894938880	2894938880	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733	3382212733	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1210.59998	1210.59998 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1210.59998	1210.59998 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2894938880	2894938880	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733	3382212733	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1210.59998	1210.59998 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1210.59998	1210.59998 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	855.14801	855.14801	~
VehDyn_MinOffset_HwDeg_M_f32	-1162.70996	-1162.70996	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	15.1910667	15.1910677 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	4077829376	4077829376	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

0.326999992

72.8900146

0.326999992 ± 0.004

72.8899994 ± 0.1

Test Step 2.49 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	34.5
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	76.5

target\_VehDyn\_Per1\_SensorlessAuthority\_Uls\_f32.value

target\_VehDyn\_Per1\_SensorlessHwPos\_HwDeg\_f32.value

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.5
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	10.5
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	52282 3589476707
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476707
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-10.3400002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000739999989
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-10.3400002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000739999989
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	86 34.2000008
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3.7999995
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	0
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	10412
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3277
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3589476707
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476707
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-10.3400002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000539999979
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-10.3400002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0.000869999989
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	34.4000015
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	76.5999985
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.4000001
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	10.6000004
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476707
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3589476707 -10.3400002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32	4.3e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-10.3400002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000739999989
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc VehDyn_ForceCenterOffset HwDeg M f32	1 -301.309998
VehDyn HiSpdLearnt Cnt M Igc	1
VehDyn Initialize Cnt M lqc	1
VehDyn LoSpdLearnt Cnt M Iqc	1
VehDyn_MaxOffset_HwDeg_M_f32	593.797974
VehDyn_MinOffset_HwDeg_M_f32	-1138.37402
VehDyn_PinTrqSV_M_str.SV_Uls_f32	14
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000367000001
VehDyn_SLPHwAuth_Uls_M_f32	0.312000006
VehDyn_SLPHwPos_HwDeg_M_f32	-1127.44995
VehDyn_SrlHwAgVldTimer_mS_M_u32	2644937728
k_HiSpdVDAuthority_UIs_f32	1 2000005
k_HwTqMgnThd_HwNm_f32 k_LoSpdVDAuthority_Uls_f32	1.20000005
k_LospavDAuthority_Uis_132 k_SrlHwAgVldTiThd_mS_u32	32
k_SysKinRatio_MtrDegpHwDeg_f32	12.1000004
k_TravelXCDeadband_Uls_f32	66.0500031
k_TravelXCHwAuthority_Uls_f32	0.070524998
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1711664384
target_GetSystemTime_mS_u32_CurrentTime	2059598336
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u30\_ElapseDTime\_mS\_u30\_ElapseD$	123
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u332\_CurrentTime$	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32





Name	Input Value		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_	_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority	_Uls_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lg	С	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f3	32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_M	trNm_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_	Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_	_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1156.44995		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	866.054993		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.17000008		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	752.679993		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-10.3400002		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1127.44995		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.8999998		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	30.6399994		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707	3589476707	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476707	3589476707	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-10.3400002	-10.3400002 ± 0.00009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-10.3400002	-10.3400002 ± 0.00009	_
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	_
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	2059598336	2059598336	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476707	3589476707	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-10.3400002	-10.3400002 ± 0.00009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-10.3400002	-10.3400002 ± 0.00009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476707	3589476707	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476707	3589476707	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-10.3400002	-10.3400002 ± 0.00009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-10.3400002	-10.3400002 ± 0.00009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	593.797974	593.797974	
VehDyn_MinOffset_HwDeg_M_f32	-1138.37402	-1138.37402	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.9914389	13.9914389 ± 0.00009	<b>~</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	2644937728	2644937728	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	290.970001	290.970001 ± 0.1	~

Test Step Call Trace   ✓				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.50 (Repeat Count = 1)		V
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime	
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	

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Verbing, Auto-Certifotispe, M. strikeright. 19th. 22  Verbing, Auto-Certifotispe, M. strikeright. 19th. 22  Verbing, Auto-Certifotispe, M. strikering, 19th. 22  Verbing, Auto-Certifotispe, M. strikering, 19th. 22  Verbing, Auto-Certifotispe, M. strikering, 19th. 20  Verbing, Auto-Certifotispe, M. strikering, 19th. 20  Verbing, Auto-Certifotispe, M. strikering, 19th. 20  Verbing, Auto-Certifotispe, M. strikering, 19th. 22  Verbing, Auto-Certifotispe, M. strikering, 19th. 29th. 25  Verbing, Auto-Certifotispe, M. strikering, 19th. 29th. 29th. 29th. 20  Verbing, Auto-Certifotispe, M. strikering, 19th. 29th.	
VerDiny AutoCorticosed M. gr. friehriffe, Hwhm (32 VerDiny AutoCorticosed M. gr. friehriffe, Hwhm (32 VerDiny AutoCorticosed M. gr. friehriffe, M. gr. (16 VerDiny AutoCorticosed M. gr. friehriffe, M. gr. (16 VerDiny AutoCorticosed M. gr. friehriffe, M. gr. (16 VerDiny AutoCorticosed M. gr. friehriff, M. gr. (16 VerDiny AutoCorticosed M. gr. (16 Ver	
Verbin   Aubschriftses of M. pt. Timer Threeh. ms. uris   2023   25.1000004	
Verbin, AutoControlsSpd. M. str. Timerd. Threath, m.S., u16 Verbin, AutoControlsSpd. M. str. Timerd. m.S., u13 Verbin, AutoControlsSpd. M. str. Timerd. m.S., u13 Verbin, AutoControlsSpd. M. str. Timerd. m.S., u13 Verbin, AutoControlsSpd. M. str. RethindocifititSV_HinDeg_str. SV_Uis_02 Verbin, AutoControlSpd.	
Verbiny, Auto-Christoff, M. str. Timer. Threath, m.S. u16 Verbiny, Auto-Christoff, M. str. Timer. m.S. u12 Verbiny, Auto-Christoff, M. str. Reither-Gall ISV, Verbog, atr. K. u15, 12 Verbiny, Auto-Christoff, M. str. Reither-Gall ISV, Verbog, atr. K. u15, 12 Verbiny, Auto-Christoff, M. str. Reither-Gall ISV, Verbog, atr. K. u15, 12 Verbiny, Auto-Christoff, M. str. Reither-Gall ISV, Verbog, atr. K. u15, 12 Verbiny, Auto-Christoff, M. str. Reither-Gall ISV, Verbog, atr. K. u15, 12 Verbiny, Auto-Christoff, M. str. Reither-Gall ISV, Verbing, atr. K. u15, 12 Verbiny, Auto-Christoff, M. str. Reither-Gall ISV, Verbing, atr. K. u15, 12 Verbiny, Auto-Christoff, M. str. Reither-Gall ISV, Verbing, atr. K. u15, 12 Verbiny, Auto-Christoff, M. str. Reither-Gall ISV, Verbing, 13 Verbiny, Auto-Christoff, M. str. Timer-Threath, m.S. u16 Verbiny, Auto-Christoff, M. str. Timer-Threath, m.S. u17 Verbiny, Auto-Christoff, M. str. Timer-Threath, m.S. u18 Verbiny, Auto-Christoff, M. str. Reither-Gall ISV, Verbing, at K. U16, 13 Verbiny, Auto-Christoff, M. str. Reither-Gall ISV, Verbing, at K. U16, 13 Verbiny, Auto-Christoff, M. str. Reither-Gall ISV, Verbing, at K. U16, 13 Verbiny, Auto-Christoff, M. str. Reither-Gall ISV, Verbing, at K. U16, 13 Verbiny, Auto-Christoff, M. str. Reither-Gall ISV, Verbing, at K. U16, 13 Verbiny, Auto-Christoff, M. str. Reither-Gall ISV, Verbing, at K. U16, 13 Verbiny, Auto-Christoff, M. str. Reit	
Verbiny, AutoControlsgod, M. at Timert, m.S. 102 Verbiny, AutoControlsgod, M. at Timert, m.S. 102 Verbiny, AutoControlsgod, M. at ReitherPositifists, Merbog, att N.U., B. 102 Verbiny, AutoControlsgod, M. at ReitherPositifists, Merbog, att N.U., B. 102 Verbiny, AutoControlsgod, M. att ReitherPositifists, Merbog, att N.U., B. 102 Verbiny, AutoControlsgod, M. att ReitherPositifists, Merbog, att N.U., B. 102 Verbiny, AutoControlsgod, M. att ReitherPositifists, Merbog, att N.U., B. 102 Verbiny, AutoControlsgod, M. att ReitherPositifists, Merbog, att N.U., B. 102 Verbiny, AutoControlsgod, M. att FillerEnbale, Cirt. Uge 1 Verbiny, AutoControlsgod, M. att TimerTherah, m.S. 116 Verbiny, AutoControlsgod, M. att TimerTherah, m.S. 116 Verbiny, AutoControlsgod, M. att TimerEnbale, Cirt. Uge 1 Verbiny, AutoControlsgod, M. att TimerEnbale, Cirt. Uge 1 Verbiny, AutoControlsgod, M. att TimerEnbale, Cirt. Uge 1 Verbiny, AutoControlsgod, M. att ReitherOsifiatSV, Herbog, att N.U. Us. 132 Verbiny, AutoControlsgod, M. att ReitherOsifiatSV, Herbog, att N.U. Us. 132 Verbiny, AutoControlsgod, M. att ReitherOsifiatSV, Herbog, att N.U. Us. 132 Verbiny, AutoControlsgod, M. att ReitherOsifiatSV, Herbog, att N.U. Us. 132 Verbiny, AutoControlsgod, M. att ReitherOsifiatSV, Herbog, att N.U. Us. 132 Verbiny, AutoControlsgod, M. att ReitherOsifiatSV, Herbog, att N.U. Us. 132 Verbiny, AutoControlsgod, M. att ReitherOsifiatSV, Herbog, att N.U. Us. 132 Verbiny, AutoControlsgod, M. att ReitherOsifiatSV, Herbog, att N.U. Us. 132 Verbiny, AutoControlsgod, M. att ReitherOsifiatSV, Herbog,	
Verbiny, AutoControlstyd, M. str. Finer P. m.S. 1822 Verbiny, AutoControlstyd, M. str. Rethin-Operatins V. HwDeg, str. XV. Uls, 192 Verbiny, AutoControlstyd, M. str. Rethin-Operatins V. HwDeg, str. XV. Uls, 192 Verbiny, AutoControlstyd, M. str. Rethin-Operatins V. HwDeg, str. XV. Uls, 192 Verbiny, AutoControlstyd, M. str. Rethin-Operatins V. HwDeg, str. XV. Uls, 192 Verbiny, AutoControlstyd, M. str. Rethin-Operatins V. HwDeg, str. XV. Uls, 192 Verbiny, AutoControlstyd, M. str. Rethin-Operatins V. Uls, 192 Verbiny, AutoControlstyd, M. str. Rethin-Operatins V. Uls, 192 Verbiny, AutoControlstyd, M. str. Rethin-Operatins V. Vls, 193 Verbiny, AutoControlstyd, M. str. Timer Threath, m.S. u.16 Verbiny, AutoControlstyd, M. str. Timer Law, u.02 Verbiny, AutoControlstyd, M. str. Timer Law, u.02 Verbiny, AutoControlstyd, M. str. Timer Law, u.02 Verbiny, AutoControlstyd, M. str. Rethin-Operatins V. HwDeg, str. V. Uls, 192 Verbiny, AutoControlstyd, M. str. Rethin-Operatins V. HwDeg, str. V. Uls, 192 Verbiny, AutoControlstyd, M. str. Rethin-Operatins V. HwDeg, str. V. Uls, 192 Verbiny, AutoControlstyd, M. str. Rethin-Operatins V. HwDeg, str. V. Uls, 192 Verbiny, AutoControlstyd, M. str. Rethin-Operatins V. Vls, 193 Verbiny, AutoControlst	
Verloyn_AutoContribetSpd_M_str_ReinHerversititSV_Hwbeg_str_X_Uis_fi32 Verloyn_AutoContribetSpd_M_str_ReinHerversititSV_Hwbeg_str_X_Uis_fi32 Verloyn_AutoContribetSpd_M_str_ReinHerversititSV_Hwbeg_str_X_Uis_fi32 Verloyn_AutoContribetSpd_M_str_ReinHerversititSV_Hwbeg_str_X_Uis_fi32 Verloyn_AutoContribetSpd_M_str_ReinHerversititSV_Hwbeg_str_X_Uis_fi32 Verloyn_AutoContribetSpd_M_str_ReinHerversititSV_Hwbeg_str_X_Uis_fi32 Verloyn_AutoContribetSpd_M_str_FilerInalized_cont_ligo 1 Verloyn_AutoContribetSpd_M_str_FilerInalized_cont_ligo 0 Verloyn_AutoContribetSpd_M_str_FilerInalized_cont_ligo 0 Verloyn_AutoContribetSpd_M_str_FilerInalized_cont_ligo 0 Verloyn_AutoContribeSpd_M_str_FilerInalized_cont_ligo 1 Verloyn_AutoContribeSpd_M_str_FilerInalized_cont_ligo	
Verbiny, Audochinobeth of, size Rehive-Seriality, Hwong, six K, Uis, 132         0.0007420000004           Verbiny, Audochinobeth of, six Rehive-Seriality, Hwong, six K, Uis, 132         0.000742000004           Verbiny, Audochinotested, M., six Rehive-Seriality, Hwong, six K, Uis, 132         0.000742000004           Verbiny, Audochinotested, M., six Filter-Initialized, Onl. 1gc         1           Verbiny, Audochinotested, M., six Filter-Initialized, Onl. 1gc         1           Verbiny, Audochinotested, M., six Filter-Initialized, Onl. 1gc         7           Verbiny, Audochinotested, M., six Filter-Initialized, Onl. 1gc         18           Verbiny, Audochinisted, M., six Filter-Initialized, Onl. 1gc         18           Verbiny, Audochinisted, M., six Filter-Initialized, Onl. 1gc         10           Verbiny, Audochinisted, M., six Filter-Initialized, Onl. 1gc         100           Verbiny, Audochinisted, M., six Timer, Imp. 1gc         24907           Verbiny, Audochinisted, M., six Timer, Imp. 1gc         3796740882           Verbiny, Audochinisted, M., six Timer, Imp. 1gc         3796740882           Verbiny, Audochinisted, M., six Timer, Imp. 1gc         3796740882           Verbiny, Audochinisted, M., six Rehive-Positists, Vi-hobe, six X, Uis, 1gc         0.00064109094           Verbiny, Audochinisted, M., six Rehive-Positists, Vi-hobe, six X, Uis, 1gc         0.40000002           Verbiny, Audochinisted, M., six Rehive-Positists,	
VerDyn, AutoControleSpd. M. str. RetherPosFittiSSV_HwDog_str. Vull. [32]   VerDyn, AutoControleSpd. M. str. RetherPosFittiSSV_HwDog_str. Vull. [32]   VerDyn, AutoControleSpd. M. str. FitterEtrable_Cnt. Ugo   1 VerDyn, AutoControleSpd. M. str. FitterEtrable_Cnt. Ugo   2 VerDyn, AutoControleSpd. M. str. FitterEtrable_Cnt. Ugo   2 VerDyn, AutoControleSpd. M. str. FitterEtrable_Cnt. Ugo   2 VerDyn, AutoControleSpd. M. str. FitterEtrable_Cnt. Ugo   3 VerDyn, AutoControleSpd. M. str. VerDyn, AutoControleSpd. M. str. FitterEtrable_Cnt. Ugo   4 VerDyn, AutoControlspd. M. str. VerDyn, AutoControleSpd. M. str. VerDyn, AutoControlspd. M. str. TimerEtruesh. mS. u16   2 VerDyn, AutoControlSpd. M. str. TimerEtruesh. M. str. VerDog. str. V. Uis_132   3 VerDyn, AutoControlSpd. M. str. RetherPosFirtSty. HwDog. str. St. Uis_132   3 VerDyn, AutoControlSpd. M. str. RetherPosFirtSty. HwDog. str. X. Uis_132   3 VerDyn, AutoControlSpd. M. str. RetherPosFirtSty. HwDog. str. X. Uis_132   3 VerDyn, AutoControlSpd. M. str. FilterEtrable_Cnt. Ugo   3 VerDyn, AutoControlSpd. M. str. FilterEnable_Cnt. Ugo   3 VerDyn, AutoControlSpd. M. str. Fil	
VerbDyn_AutoChribeSpd_M_str_ReinvestilistSV_HwDeq_str_K_Uis_52	
VerbDy_AutoCritrOeSpd_M_str_FillerInitialized_Crit_Igo	
VerbDyn_AutoCntribeSpd_M_str Ner-Interlainatized_Crt_Igo	
VerbDyn_AutoChrithSpd_M_str_Nirve_Minage_St2	
VerDyn_AutoChrithSpd_M_str_VerNe_Minapols_132 VerDyn_AutoChrithSpd_M_str_VerSpd_kph_132 VerDyn_AutoChrithSpd_M_str_FilterTring_HwNn_132 VerDyn_AutoChrithSpd_M_str_FilterTring_HwNn_132 VerDyn_AutoChrithSpd_M_str_FilterTring_HwNn_132 VerDyn_AutoChrithSpd_M_str_FilterTring_HwNn_132 VerDyn_AutoChrithSpd_M_str_FilterTring_HwS_ur16 VerDyn_AutoChrithSpd_M_str_FilterTring_HwS_ur16 VerDyn_AutoChrithSpd_M_str_FilterTring_HwS_ur16 VerDyn_AutoChrithSpd_M_str_FilterTring_HwS_ur18 VerDyn_AutoChrithSpd_M_str_FilterTring_HwS_ur18 VerDyn_AutoChrithSpd_M_str_FilterTring_HwS_ur18 VerDyn_AutoChrithSpd_M_str_FilterTring_HwS_ur18 VerDyn_AutoChrithSpd_M_str_FilterTring_HwNn_18 VerDyn_AutoChritSpd_M_str_FilterTring_HwNn_18 VerDyn_AutoChritSpd_M_str_FilterTring_HwNn_18 VerDyn_AutoChritoSpd_M_str_FilterTring_HwNn_18 VerDyn_AutoChritoSpd_M_str_FilterTring_HwNn_18 VerDyn_AutoChritoSpd_M_str_FilterTring_HwNn_18 VerDyn_AutoChritoSpd_M_str_FilterTring_HwNn_18 VerDyn_AutoChritoSpd_M_str_FilterTring_HwNn_18 VerDyn_AutoChritoSpd_M_str_FilterTring_HwNn_18 VerDyn_AutoChritoSpd_M_str_FilterTring_HwNn_18 VerDyn_AutoChritoSpd_M_str_FilterTring_M_su16 VerDyn_AutoChritoSpd_M_str_FilterTring_M_su16 VerDyn_AutoChritoSpd_M_str_FilterTring_M_su16 VerDyn_AutoChritoSpd_M_str_FilterTring_M_su16 VerDyn_AutoChritoSpd_M_str_FilterTring_M_su16 VerDyn_AutoChritoSpd_M_str_FilterTring_M_su16 VerDyn_AutoChritoSpd_M_str_FilterTring_M_su16 VerDyn_AutoChritoSpd_M_str_FilterTring_M_su16 VerDyn_AutoChritoSpd_M_str_FilterTring_M_su16 VerDyn_FilterTring_M_su16 VerDy	
VerDyn_AutoChrifispe_M_str_VerSpd_kph_132	
Verblyn_AutoChrithSpd_M_str_ChritWindow_HwDeg_132	
VehDyn_AutoCntHiSpd_M_str_CntrWindow_HwDeg_f32         100           VehDyn_AutoCntHiSpd_M_str_TimerT_mesh_mS_u16         22497           VehDyn_AutoCntHiSpd_M_str_Timert_mS_u32         3796740882           VehDyn_AutoCntHiSpd_M_str_Timert_mS_u32         3796740882           VehDyn_AutoCntHiSpd_M_str_Timert_mS_u32         3796740882           VehDyn_AutoCntHiSpd_M_str_ReiHwPosFiltSV_HwDeg_str_SV_UIs_f32         -6.48000002           VehDyn_AutoCntHiSpd_M_str_ReiHwPosFiltSV_HwDeg_str_SV_UIs_f32         -0.000671999994           VehDyn_AutoCntHiSpd_M_str_ReiHwPosFiltSV_HwDeg_str_SV_UIs_f32         -0.000671999994           VehDyn_AutoCntHiSpd_M_str_FilterTenable_Cnt_lgc         0           VehDyn_AutoCntHiSpd_M_str_FilterTenable_Cnt_lgc         0           VehDyn_AutoCntHiSpd_M_str_FilterTenable_Cnt_lgc         0           VehDyn_AutoCntHiSpd_M_str_FilterTenable_Cnt_lgc         1           VehDyn_AutoCntHoSpd_M_str_VehSpd_kph_f32         2.9000001           VehDyn_AutoCntHoSpd_M_str_VehSpd_kph_f32         36.8000031           VehDyn_AutoCntHoSpd_M_str_CntWindow_HwDeg_f32         25.7999992           VehDyn_AutoCntHoSpd_M_str_TimerT_mes_m_s_u16         31388           VehDyn_AutoCntHoSpd_M_str_TimerT_mes_m_s_u16         31388           VehDyn_AutoCntHoSpd_M_str_TimerT_mes_u18_u2         3796740682           VehDyn_AutoCntHoSpd_M_str_TimerT_mes_u18_u2         379674	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         22497           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         3796740682           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         3796740682           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         3796740682           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFittSV_HwDeg_str.K_UIIs_132         0.48000002           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIIs_132         0.000872000004           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIIs_132         0.000872000004           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIIs_132         0.000872000004           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIIs_132         0.000872000004           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIIs_132         0.000872000004           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIIs_132         2.9000001           VehDyn_AutoCntrLoSpd_M_str.Hime17matp_str.Min_122         2.9000001           VehDyn_AutoCntrLoSpd_M_str.Time17matp_str.Min_122         3.80000031           VehDyn_AutoCntrLoSpd_M_str.Time17matp_su_32         2.57999992           VehDyn_AutoCntrLoSpd_M_str.Time17matp_su_32         3.796740682           VehDyn_AutoCntrLoSpd_M_str.Time17matp_su_32         3.796740682           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFittSV_HwDeg_str.K_UIIs_132         4.83000002           VehDyn_A	
VehDyn_AutoCntrHsgd_M_str.Timer2ms_u32         3796740682           VehDyn_AutoCntrHsgd_M_str.Timer2_mS_u32         3796740682           VehDyn_AutoCntrHsgd_M_str.Timer2_mS_u32         3796740682           VehDyn_AutoCntrHsgd_M_str.RelHwPosFittSV_HwDeg_str.SV_UIs_132         -6.48000002           VehDyn_AutoCntrHsgd_M_str.RelHwPosFittSV_HwDeg_str.SV_UIs_132         -6.48000002           VehDyn_AutoCntrHsgd_M_str.RelHwPosFittSV_HwDeg_str.SV_UIs_132         -0.000541999994           VehDyn_AutoCntrHsgd_M_str.RelHwPosFittSV_HwDeg_str.SV_UIs_132         0.000972000004           VehDyn_AutoCntrHsgd_M_str.RelHwPosFittSV_HwDeg_str.SV_UIS_132         0.000972000004           VehDyn_AutoCntrHsgd_M_str.FilterInitialized_Cnt.lgc         1           VehDyn_AutoCntrHsgd_M_str.FilterInitialized_Cnt.lgc         1           VehDyn_AutoCntrLsSpd_M_str.RelHwPosFittSV_HwDeg_str.SV_UIS_132         86.8000031           VehDyn_AutoCntrLsSpd_M_str.RelHwFadp_str.SV_UIS_132         86.8000031           VehDyn_AutoCntrLsSpd_M_str.Timer1_ms_us_16         20423           VehDyn_AutoCntrLsSpd_M_str.Timer1_ms_us_16         20423           VehDyn_AutoCntrLsSpd_M_str.Timer1_ms_us_23         3796740882           VehDyn_AutoCntrLsSpd_M_str.Timer1_ms_us_23         3796740882           VehDyn_AutoCntrLsSpd_M_str.RelHwPosFittSV_HwDeg_str.Sv_Uis_132         -6.48000002           VehDyn_AutoCntrLsSpd_M_str.RelHwPosFittSV_HwDeg_str.K_Uis_132 <td></td>	
VenDyn_AutoCntrHSpd_M_str. Timer1_mS_u32         3796740682           VenDyn_AutoCntrHSpd_M_str. Timer2_mS_u32         3796740682           VenDyn_AutoCntrHSpd_M_str. RelH-WposFilt1SV_HwDeg_str.SV_UIs_f32         480000002           VenDyn_AutoCntrHSpd_M_str. RelH-WposFilt2SV_HwDeg_str.SV_UIs_f32         0.000541999994           VenDyn_AutoCntrHSpd_M_str. RelH-WposFilt2SV_HwDeg_str.SV_UIs_f32         0.000872000004           VenDyn_AutoCntrHSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         0.000872000004           VenDyn_AutoCntrHSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         0.000872000004           VenDyn_AutoCntrHSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         0.000872000004           VenDyn_AutoCntrHSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIS_f32         2.9000001           VenDyn_AutoCntrLoSpd_M_str.Pell*Print_q_HwNm_f32         2.900001           VenDyn_AutoCntrLoSpd_M_str.Till*Print_q_HwNm_f32         4.9000001           VenDyn_AutoCntrLoSpd_M_str.Till*Print_q_HwNm_f32         2.57999992           VenDyn_AutoCntrLoSpd_M_str.Till*Print_q_HwNm_f32         2.0423           VenDyn_AutoCntrLoSpd_M_str.Till*Print_q_HwNm_f32         3796740682           VenDyn_AutoCntrLoSpd_M_str.RelHwPosFilt3SV_HwDeg_str.SV_UIs_f32         4.3000001           VenDyn_AutoCntrLoSpd_M_str.RelHwPosFilt3SV_HwDeg_str.K_UIs_f32         4.30000002           VenDyn_AutoCntrLoSpd_M_str.RelHwPosFilt3SV_HwDeg_str.K_UIs_f32         4.300000	
VehDyn_AutoCntrHiSpd_M_str.Timert_mS_U32         3796740682           VehDyn_AutoCntrHiSpd_M_str.RelitwPosFilitSV_HwDeg_str.X_Uis_f32         -6.48000002           VehDyn_AutoCntrHiSpd_M_str.RelitwPosFilitSV_HwDeg_str.X_Uis_f32         -6.480000002           VehDyn_AutoCntrHiSpd_M_str.RelitwPosFilitSV_HwDeg_str.X_Uis_f32         -6.480000000           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         1           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Intialized_Cnt_lgc         0           VehDyn_AutoCntrLiSpd_M_str.Filter1Intialized_Cnt_lgc         1           VehDyn_AutoCntrLiSpd_M_str.Filter1Intialized_Str.2         2.9000001           VehDyn_AutoCntrLiSpd_M_str.FiltPinTra_HwNm_f32         86.8000031           VehDyn_AutoCntrLiSpd_M_str.FiltPinTra_HwNm_f32         4.9000001           VehDyn_AutoCntrLiSpd_M_str.Timer1Thresh_mS_u16         25.7999992           VehDyn_AutoCntrLiSpd_M_str.Timer1Thresh_mS_u16         31368           VehDyn_AutoCntrLiSpd_M_str.Timer1_mS_u32         3796740682           VehDyn_AutoCntrLiSpd_M_str.Timer1_mS_u32         3796740682           VehDyn_AutoCntrLiSpd_M_str.RelitwPosFiltSV_HwDeg_str.SV_Uis_f32         4.3399994e-005           VehDyn_AutoCntrLiSpd_M_str.RelitwPosFiltSV_HwDeg_str.SV_Uis_f32         4.38999994e-005           VehDyn_AutoCntrLiSpd_M_str.RelitwPosFiltSV_HwDeg_str.SV_Uis_f32         <	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV_UIs_f32         -8.48000002           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV_UIs_f32         -6.48000002           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV_UIs_f32         -6.48000002           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV_UIs_f32         0.000872000004           VehDyn_AutoCntrHiSpd_M_str.Filier1Enable_Cnt.Igc         0           VehDyn_AutoCntrHiSpd_M_str.Filier2Inialized_Cnt.Igc         0           VehDyn_AutoCntrLiSpd_M_str.Filier2Inialized_Cnt.Igc         1           VehDyn_AutoCntrLiSpd_M_str.Pelm2Inialized_Cnt.Igc         1           VehDyn_AutoCntrLiSpd_M_str.Timer2_interlized_str.Bell_str.2         2.9000001           VehDyn_AutoCntrLiSpd_M_str.Timer1Thresh_m5_u16         38.8000031           VehDyn_AutoCntrLiSpd_M_str.Timer1Thresh_m5_u16         20423           VehDyn_AutoCntrLiSpd_M_str.Timer2.Thresh_m5_u16         31368           VehDyn_AutoCntrLiSpd_M_str.Timer2.Thresh_m5_u16         31368           VehDyn_AutoCntrLiSpd_M_str.Timer2.Thresh_m5_u16         31368           VehDyn_AutoCntrLiSpd_M_str.Timer2.Thresh_m5_u16         31368           VehDyn_AutoCntrLiSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV_UIs_f32         -6.48000002           VehDyn_AutoCntrLiSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV_UIs_f32         -6.48000002           VehDyn_AutoCntrLiSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV	
VehDyn_AutoCntrHSpd_M_str.RelHwPosFilt2SV_HWDeg_str.X_UIs_f32         0.000541999994           VehDyn_AutoCntrHSpd_M_str.RelHwPosFilt2SV_HWDeg_str.X_UIs_f32         0.48000002           VehDyn_AutoCntrHSpd_M_str.FilterTenable_Cnt_lgc         0           VehDyn_AutoCntrHSpd_M_str.FilterTenable_Cnt_lgc         0           VehDyn_AutoCntrHSpd_M_str.FilterInitialized_Cnt_lgc         0           VehDyn_AutoCntrHSpd_M_str.FilterInitialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.FilterInitialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.FilterInitialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.FiltPhrTq_HwNm_f32         2.9000001           VehDyn_AutoCntrLoSpd_M_str.FiltPhrTq_HwNm_f32         4.9000001           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_ms_u16         20423           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_ms_u16         31368           VehDyn_AutoCntrLoSpd_M_str.Timer1_ms_u32         3796740682           VehDyn_AutoCntrLoSpd_M_str.Timer2_ms_u32         3796740682           VehDyn_AutoCntrLoSpd_M_str.FiltPhrSelitTSV_HwDeg_str.SV_UIs_f32         -8.48000002           VehDyn_AutoCntrLoSpd_M_str.FilterEnable_Cnt_lgc         -6.48000002           VehDyn_AutoCntrLoSpd_M_str.FilterEnable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.FilterEnable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.FilterEnable_Cnt	
VehDyn_AutoCntrHiSpd_M_str.FilterTenable_Cnt_Igc         1           VehDyn_AutoCntrHiSpd_M_str.FilterZenable_Cnt_Igc         0           VehDyn_AutoCntrHiSpd_M_str.FilterZenable_Cnt_Igc         0           VehDyn_AutoCntrHiSpd_M_str.FilterZenable_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.FilterInitialized_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.FilterInitialized_Cnt_Igc         2.9000001           VehDyn_AutoCntrLoSpd_M_str.FilterInity_HwNm_J32         4.9000001           VehDyn_AutoCntrLoSpd_M_str.FilterInity_HwNm_J32         4.9000001           VehDyn_AutoCntrLoSpd_M_str.TimerT_mest_ms_u16         20.25.7999992           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_ms_u16         31388           VehDyn_AutoCntrLoSpd_M_str.Timer1_ms_u32         3796740682           VehDyn_AutoCntrLoSpd_M_str.Timer1_ms_u32         3796740682           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltISV_HwDeg_str.SV_UIs_f32         4.8000002           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltISV_HwDeg_str.K_UIs_f32         4.3899994e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltISV_HwDeg_str.K_UIs_f32         0.000742000004           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltISV_HwDeg_str.K_UIs_f32         0.000742000004           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltISV_HwDeg_str.K_UIs_f32         0.000742000004           VehDyn_AutoCntrLoSpd_M_str.FilterTenable_Cnt_Igc         0 <td></td>	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc         2           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Spd_Stg         2           VehDyn_AutoCntrLoSpd_M_str.Filter1Tnitialized_Spd_Stg         4.9000001           VehDyn_AutoCntrLoSpd_M_str.Filter1Tniten_M_stg         4.9000001           VehDyn_AutoCntrLoSpd_M_str.Timer1Tnresh_mS_u16         20423           VehDyn_AutoCntrLoSpd_M_str.Timer1Tnresh_mS_u16         31368           VehDyn_AutoCntrLoSpd_M_str.Timer2Tnresh_mS_u16         31368           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         3796740682           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Su2         4.8000002           VehDyn_AutoCntrLoSpd_M_str.Filter1WPoSFiltISV_HWDeg_str.SV_UIs_f32         6.48000002           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt.Igc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt.Igc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt.Igc         1           VehDyn_LoSpd.Learnt_Cnt_M_igc         1           VehDyn_LoSpd.Learnt_Cnt_M_igc         0	
VehDyn_AutoCntrHiSpd_M_str.FilterInitialized_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.FilterInitialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32         2.9000001           VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32         2.9000001           VehDyn_AutoCntrLoSpd_M_str.FilterInit_Hwhm_f32         4.9000001           VehDyn_AutoCntrLoSpd_M_str.FilterInit_Hwhm_f32         4.9000001           VehDyn_AutoCntLoSpd_M_str.FilterIniterS_mS_u16         20423           VehDyn_AutoCntLoSpd_M_str.Timer1Thresh_mS_u16         31368           VehDyn_AutoCntLoSpd_M_str.Timer2Thresh_mS_u16         31368           VehDyn_AutoCntLoSpd_M_str.Timer2_mS_u32         3796740682           VehDyn_AutoCntLoSpd_M_str.Timer2_mS_u32         3796740682           VehDyn_AutoCntLoSpd_M_str.RelHwPoSifitSV_HwDeg_str.SV_UIs_f32         6.48000002           VehDyn_AutoCntLoSpd_M_str.RelHwPoSifitSV_HwDeg_str.K_UIs_f32         6.48000002           VehDyn_AutoCntLoSpd_M_str.FilterInitalized_Cnt_lgc         0           VehDyn_AutoCntLoSpd_M_str.FilterInitalized_Cnt_lgc         1           VehDyn_AutoCntLoSpd_M_str.FilterInitalized_Cnt_lgc         1           VehDyn_AutoCntLoSpd_M_str.FilterInitalized_Cnt_lgc         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_DirToreCenterEnteDied_Cnt_M_lgc         1	
VehDyn_AutoCntrHiSpd_M_str.Filter1initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.WriterIntrafacpS_132         2,9000001           VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32         86.8000031           VehDyn_AutoCntrLoSpd_M_str.FilterIntraf_HwNm_f32         4,9000001           VehDyn_AutoCntrLoSpd_M_str.Timer1Trac_HwNm_f32         4,9000001           VehDyn_AutoCntrLoSpd_M_str.Timer1Trach_mS_u16         20423           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         31368           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         3796740682           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         3796740682           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFittISV_HwDeg_str.SV_UIs_f32         -6,48000002           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFittISV_HwDeg_str.SV_UIs_f32         -6,48000002           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFittISV_HwDeg_str.SV_UIs_f32         -0,000742000004           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFittISV_HwDeg_str.SV_UIs_f32         0,000742000004           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_HiSpdLearn_Cnt_M_lgc         0           VehDyn_HiSpdLearn_Cnt_M_lgc         0           VehDyn_HiSpdLearn_Cnt_M_lgc	
VehDyn_AutoCntrl.ISpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrl.Cspd_M_str.WhrVel_MtrRadpS_f32         2,9000001           VehDyn_AutoCntrl.Cspd_M_str.FiltPinTrq_t-lwNm_f32         86,8000031           VehDyn_AutoCntrl.Cspd_M_str.TitPinTrq_t-lwNm_f32         4,9000001           VehDyn_AutoCntrl.Cspd_M_str.Timer1Thresh_mS_u16         20423           VehDyn_AutoCntrl.Cspd_M_str.Timer1_mS_u32         3796740682           VehDyn_AutoCntrl.Cspd_M_str.Timer1_mS_u32         3796740682           VehDyn_AutoCntrl.Cspd_M_str.Timer1_mS_u32         3796740682           VehDyn_AutoCntrl.Cspd_M_str.RelHwPosFitItSV_HwDeq_str.SV_Uls_f32         -6,48000002           VehDyn_AutoCntrl.Cspd_M_str.RelHwPosFitItSV_HwDeq_str.K_Uls_f32         -4,8000002           VehDyn_AutoCntrl.Cspd_M_str.RelHwPosFitItSV_HwDeq_str.K_Uls_f32         0,000742000004           VehDyn_AutoCntrl.Cspd_M_str.RelHwPosFitItSV_HwDeq_str.K_Uls_f32         0,000742000004           VehDyn_AutoCntrl.Cspd_M_str.Fitter1Enable_Cnt_lgc         0           VehDyn_AutoCntrl.Cspd_M_str.Fitter1Enable_Cnt_lgc         1           VehDyn_AutoCntrl.Cspd_M_str.Fitter1Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         0           VehDyn_ForceCenterEnabled_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc	
VehDyn_AutoCntrLoSpd_M_str. WirVel_MtrRadpS_f32         2.9000001           VehDyn_AutoCntrLoSpd_M_str. VehSpd_kph_f32         86.8000031           VehDyn_AutoCntrLoSpd_M_str. FiliPhTrq_HvMn_f32         4.90000001           VehDyn_AutoCntrLoSpd_M_str. Timer1Thresh_mS_u16         20423           VehDyn_AutoCntrLoSpd_M_str. Timer1Thresh_mS_u16         31368           VehDyn_AutoCntrLoSpd_M_str. Timer2_mS_u32         3796740682           VehDyn_AutoCntrLoSpd_M_str. Timer2_mS_u32         3796740682           VehDyn_AutoCntrLoSpd_M_str. RelHwPosFilitSV_HwDeg_str. SV_Uls_f32         -6.48000002           VehDyn_AutoCntrLoSpd_M_str. RelHwPosFilitSV_HwDeg_str. SV_Uls_f32         -6.48000002           VehDyn_AutoCntrLoSpd_M_str. RelHwPosFilitSV_HwDeg_str. SV_Uls_f32         -0.000742000004           VehDyn_AutoCntrLoSpd_M_str. RelHwPosFilitSV_HwDeg_str. SV_Uls_f32         -0.000002           VehDyn_AutoCntrLoSpd_M_str. Filter1Initialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str. Filter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str. Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str. Filter2Filinitialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str. Filter2Filinitialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         0           VehDyn_ForceCenterEnabled_Cnt_M_lgc         0           VehDyn_In	
VehDyn_AutoCntrLoSpd_M_str. Filler]InTrq_HwNm_f32         4.8000001           VehDyn_AutoCntrLoSpd_M_str. Filler]InTrq_HwNm_f32         4.9000001           VehDyn_AutoCntrLoSpd_M_str. Filler]InTreah_mS_u16         20423           VehDyn_AutoCntrLoSpd_M_str. Timer2Thresh_mS_u16         20423           VehDyn_AutoCntrLoSpd_M_str. Timer2Thresh_mS_u16         31368           VehDyn_AutoCntrLoSpd_M_str. Timer1_mS_u32         3796740682           VehDyn_AutoCntrLoSpd_M_str. RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -6.48000002           VehDyn_AutoCntrLoSpd_M_str. RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -6.48000002           VehDyn_AutoCntrLoSpd_M_str. RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -0.0000000           VehDyn_AutoCntrLoSpd_M_str. RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         0.000742000004           VehDyn_AutoCntrLoSpd_M_str. Filter2Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str. Filter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str. Filter2Enable_Cnt_lgc         1           VehDyn_ForceCenterEnabled_ont_M_lgc         1           VehDyn_ForceCenterEnabled_ont_M_lgc         1           VehDyn_ForceCenterOffset_HwDeg_M_f32         221.399994           VehDyn_LoSpdLearnL_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_PinTqSV_M_str.Sv_Uis_f32         598.789978 <t< td=""><td></td></t<>	
VehDyn_AutoCntrLoSpd_M_str. CntrWindow_HwDeg_f32         25.7999992           VehDyn_AutoCntrLoSpd_M_str. CntrWindow_HwDeg_f32         25.7999992           VehDyn_AutoCntrLoSpd_M_str. Timer1Thresh_mS_u16         20423           VehDyn_AutoCntrLoSpd_M_str. Timer1Thresh_mS_u16         31368           VehDyn_AutoCntrLoSpd_M_str. Timer1_mS_u32         3796740682           VehDyn_AutoCntrLoSpd_M_str. RelHwPasFilt3V_HwDeg_str.SV_Uls_f32         4.8000002           VehDyn_AutoCntrLoSpd_M_str. RelHwPosFilt3V_HwDeg_str.SV_Uls_f32         4.33999994e-005           VehDyn_AutoCntrLoSpd_M_str. RelHwPosFilt3V_HwDeg_str.SV_Uls_f32         6.48000002           VehDyn_AutoCntrLoSpd_M_str. RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         0.000742000004           VehDyn_AutoCntrLoSpd_M_str. RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         0.000742000004           VehDyn_AutoCntrLoSpd_M_str. Filter1Initialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str. Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str. Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterCntSpd_M_str. Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterCntSpd_M_str. Filter2Initialized_Cnt_lgc         1           VehDyn_HiDGLearnt_Cnt_M_lgc         0           VehDyn_HiSpd_Learnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         1131.6894           VehDy	
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         20423           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         20423           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         31368           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u22         3796740682           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         3796740682           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32         4.848000002           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         4.8399994e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         0.000742000004           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterCnterEnable_Cnt_M_lgc         0           VehDyn_Linitialize_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         11           VehDyn_MinOffset_HwDeg_M_f32         1131.68994           VehDyn_SIPHwPos_HwDeg_M_f32 <td></td>	
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         20423           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         31368           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u32         3796740682           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFill1SV_HwDeg_str.SV_UIs_f32         -6.48000002           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFill1SV_HwDeg_str.SV_UIs_f32         -4.38999994e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFill2SV_HwDeg_str.SV_UIs_f32         -6.48000002           VehDyn_AutoCntrLoSpd_M_str.Filler1Enable_Cnt_Igc         0           VehDyn_AutoCntrLoSpd_M_str.Filler1Enable_Cnt_Igc         0           VehDyn_AutoCntrLoSpd_M_str.Filler1Initialized_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.Filler1Initialized_Cnt_Igc         1           VehDyn_ForceCenterEnabled_Cnt_M_Igc         1           VehDyn_ForceCenterOffset_HwDeg_M_f32         -201.399994           VehDyn_Initialize_Cnt_M_Igc         1           VehDyn_LoSpdLeamt_Cnt_M_Igc         0           VehDyn_MaxOffset_HwDeg_M_f32         598.789978           VehDyn_MinOffset_HwDeg_M_f32         -1131.68994           VehDyn_PinTrqSV_M_str.S_UIs_f32         0.29699991           VehDyn_SLPHwAuth_Uis_M_f32         -1171.18994           VehDyn_SLPHwPos_HwDeg_M_f32         -1117.18994           VehDyn_SLPHwPos_HwDeg_M_f32         -1117.1899	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         3796740682           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         3796740682           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         3796740682           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32         -6.48000002           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32         4.3399994e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         -6.48000002           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         0.000742000004           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         -1131.68994           VehDyn_PinTrqSV_M_str.Suls_f32         8.89999962           VehDyn_PinTrqSV_M_str.Suls_f32         0.000368000008           VehDyn_StPHwPos_HwDeg_M_f32 <t< td=""><td></td></t<>	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFittSV_HwDeg_str.SV_Uls_f32         -6.48000002           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFittSV_HwDeg_str.K_Uls_f32         -6.48000002           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFittSV_HwDeg_str.K_Uls_f32         4.3399994e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_Uls_f32         0.000742000004           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_Uls_f32         0.000742000004           VehDyn_AutoCntrLoSpd_M_str.Fitter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Fitter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Fitter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Fitter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset_HwDeg_M_f32         -201.399994           VehDyn_HispdLearnt_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         1           VehDyn_MaxOffset_HwDeg_M_f32         598.789978           VehDyn_MaxOffset_HwDeg_M_f32         -1131.68994           VehDyn_PinTrqSV_M_str.Sv_Uls_f32         8.89999962           VehDyn_PinTrqSV_M_str.Sv_Uls_f32         0.0036800008           VehDyn_StPHwApt_Uls_f32         1117.18994           VehDyn_StPHwApt_Uls_f32         6.5           VehDyn_StPHwAptUfTime_m_S_u32 <td></td>	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -6.48000002           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32         4.33999994e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         -6.48000002           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIS_f32         0.000742000004           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Intitalized_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Intitalized_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Intitalized_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Intitalized_Cnt_Igc         1           VehDyn_ForceCenterCflabled_Cnt_M_Igc         1           VehDyn_ForceCenterOffset_HwDeg_M_f32         -201.399994           VehDyn_HispdLearnt_Cnt_M_Igc         0           VehDyn_Initialize_Cnt_M_Igc         1           VehDyn_LoSpdLearnt_Cnt_M_Igc         0           VehDyn_Initialize_Cnt_M_Igc         0           VehDyn_MinOffset_HwDeg_M_f32         -1131.68994           VehDyn_PinTrqSV_M_str.K_UIs_f32         8.89999962           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.000368000008           VehDyn_SLPHwAuft_UIs_M_S132         0.296999991           VehDyn_SLPHwPos_HwDeg_M_f32         -1117.1	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltISV_HwDeg_str.K_Uls_f32         4.33999994e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltISV_HwDeg_str.SV_Uls_f32         -6.4800002           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltISV_HwDeg_str.K_Uls_f32         0.000742000004           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset_HwDeg_M_f32         -201.399994           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         598.789978           VehDyn_MinOffset_HwDeg_M_f32         -1131.68994           VehDyn_PinTrqSV_M_str.SV_Uls_f32         8.89999962           VehDyn_SLPHwAuth_Uls_M_f32         0.000368000008           VehDyn_SLPHwAuth_Uls_M_f32         0.296999991           VehDyn_SLPHwAgVIdTimer_mS_M_u32         2212175616           k_HiSpdVDAthority_Uls_f32         1           k_BHWAgVIdTimt_mS_u32         4891           k_SysKinRatio_MtrDegpHwDeg_f32 <td></td>	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         -6.48000002           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         0.000742000004           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_HispdLearnt_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         598.789978           VehDyn_MinOffset_HwDeg_M_f32         -1131.68994           VehDyn_PinTrqSV_M_str.SV_Uls_f32         8.89999962           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000368000008           VehDyn_SLPHwAuth_uls_M_f32         0.29699991           VehDyn_SLPHwPos_HwDeg_M_f32         -1117.18994           VehDyn_SriHwAgVIdTimer_mS_M_u32         2212175616           k_HiSpdVDAuthority_Uls_f32         1           k_BidWagVIdTimd_mS_u32         4891           k_SysKinRatio_MtrDegpHwDeg_f32         53.299992	
VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.K_Uls_32         0.000742000004           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterOffset_HwDeg_M_f32         -201.399994           VehDyn_ForceCenterOffset_HwDeg_M_f32         0           VehDyn_HispdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MinOffset_HwDeg_M_f32         -1131.68994           VehDyn_MinOffset_HwDeg_M_f32         -1131.68994           VehDyn_PinTrqSV_M_str.SV_Uls_f32         8.89999962           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000368000008           VehDyn_SLPHwPos_HwDeg_M_f32         -1117.18994           VehDyn_SLPHwPos_HwDeg_M_f32         -1117.18994           VehDyn_SIHwAgVIdTimA_M_gu32         6.5	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterGffset_HwDeg_M_f32         -201.399994           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         598.789978           VehDyn_MinOffset_HwDeg_M_f32         -1131.68994           VehDyn_PinTrqSV_M_str.SV_Uls_f32         8.89999962           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000368000008           VehDyn_SLPHwAuth_Uls_M_f32         0.296999991           VehDyn_SLPHwPos_HwDeg_M_f32         -1117.18994           VehDyn_SrlHwagVidTimer_mS_M_u32         2212175616           k_HiSpdVDAuthority_Uls_f32         1           k_HwTqMgnThd_HwNm_f32         6.5           k_SrlHwAgVidTimA_mS_u32         6.5           k_SysKinRatio_MtrDeghWDeg_f32         53.2999992           k_TravelXCHwAuthority_Uls_f32         0.0717500001	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset_HwDeg_M_f32         -201.399994           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         598.789978           VehDyn_MinOffset_HwDeg_M_f32         -1131.68994           VehDyn_MinTqSV_M_str.SV_ulls_f32         8.89999962           VehDyn_PinTrqSV_M_str.K_Ulls_f32         0.000368000008           VehDyn_PinTrqSV_M_str.K_Ulls_f32         0.296999991           VehDyn_SLPHwPos_HwDeg_M_f32         -1117.18994           VehDyn_SLPHwPos_HwDeg_M_f32         -1117.18994           VehDyn_SriHwAgVidTimer_mS_M_u32         2212175616           k_HiSpdVDAuthority_Uls_f32         1           k_HwTqMgnThd_HwNm_f32         6.5           k_SopkWDAuthority_Uls_f32         0           k_SyskinRatio_MtrDegpHwDeg_f32         53.2999992           k_TravelXCDeadband_Uls_f32         0.0717500001 <td></td>	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset_HwDeg_M_f32         -201.399994           VehDyn_ForceCenterOffset_HwDeg_M_f32         0           VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         -1131.68994           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000368000008           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000368000008           VehDyn_SLPHwAuth_Uls_M_f32         0.296999991           VehDyn_SLPHwPos_HwDeg_M_f32         -1117.18994           VehDyn_SLPHwAgVIdTimer_mS_M_u32         1           k_HiSpdVDAuthority_Uls_f32         0           k_LoSpdVDAuthority_Uls_f32         0           k_SrlHwAgVIdTimer_mS_u32	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset_HwDeg_M_f32         -201.399994           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         598.789978           VehDyn_MinOffset_HwDeg_M_f32         -1131.68994           VehDyn_Sin_TrqSV_M_str.Sv_Uls_f32         8.89999962           VehDyn_PinTrqSV_M_str.Sv_Uls_f32         0.000368000008           VehDyn_SLPHwAuth_Uls_M_f32         0.296999991           VehDyn_SLPHwPos_HwDeg_M_f32         -1117.18994           VehDyn_SI.PHwSyldTimer_mS_M_u32         2212175616           k_HiSpdVDAuthority_Uls_f32         1           k_HWTqMgnThd_HwNm_f32         6.5           k_LoSpdVDAuthority_Uls_f32         0           k_SylHwAgyldTiThd_mS_u32         4891           k_SysKinRatio_MtrDegpHwDeg_f32         53.2999992           k_TravelXCDeadband_Uls_f32         67.4899979           k_TravelXCHwAuthority_Uls_f32         0.0717500001           target_DtrmnElapsedTime_mS_u32_ElapsedTime         1568734208	
VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset_HwDeg_M_f32         -201.399994           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         598.789978           VehDyn_MinOffset_HwDeg_M_f32         -1131.68994           VehDyn_PinTrqSV_M_str.SV_Uls_f32         8.89999962           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000368000008           VehDyn_SLPHwAuth_Uls_M_f32         0.296999991           VehDyn_SLPHwPos_HwDeg_M_f32         -1117.18994           VehDyn_SrlHwAgVIdTimer_mS_M_u32         2212175616           k_HiSpdVDAuthority_Uls_f32         1           k_HospdVDAuthority_Uls_f32         6.5           k_LoSpdVDAuthority_Uls_f32         0           k_SrlHwAgVIdTiThd_mS_u32         4891           k_SysKinRatio_MtrDegpHwDeg_f32         53.2999992           k_TravelXCDeadband_Uls_f32         67.4899979           k_TravelXCHwAuthority_Uls_f32         0.0717500001           target_DtrmnElapsedTime_mS_u32_ElapsedTime         1568734208	
VehDyn_ForceCenterOffset_HwDeg_M_f32         -201.399994           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         598.789978           VehDyn_MinOffset_HwDeg_M_f32         -1131.68994           VehDyn_PinTrqSV_M_str.SV_Uls_f32         8.89999962           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000368000008           VehDyn_SLPHwAuth_Uls_M_f32         0.296999991           VehDyn_SLPHwPos_HwDeg_M_f32         -1117.18994           VehDyn_SrlHwAgVIdTimer_mS_M_u32         21217.5616           k_HiSpdVDAuthority_Uls_f32         1           k_HWTqMgnThd_HwNm_f32         6.5           k_LoSpdVDAuthority_Uls_f32         0           k_SrlHwAgVIdTiThd_mS_u32         4891           k_SysKinRatio_MtrDegpHwDeg_f32         53.2999992           k_TravelXCDeadband_Uls_f32         67.489979           k_TravelXCHwAuthority_Uls_f32         0.0717500001           target_DtrmnElapsedTime_mS_u32_ElapsedTime         1568734208	
VehDyn_Initialize_Cnt_M_lgc       1         VehDyn_LoSpdLearnt_Cnt_M_lgc       0         VehDyn_MaxOffset_HwDeg_M_f32       598.789978         VehDyn_MinOffset_HwDeg_M_f32       -1131.68994         VehDyn_PinTrqSV_M_str.SV_Uls_f32       8.89999962         VehDyn_PinTrqSV_M_str.K_Uls_f32       0.000368000008         VehDyn_SLPHwAuth_Uls_M_f32       0.296999991         VehDyn_SLPHwPos_HwDeg_M_f32       -1117.18994         VehDyn_SrlHwAgVIdTimer_mS_M_u32       2212175616         k_HiSpdVDAuthority_Uls_f32       1         k_HwTqMgnThd_HwNm_f32       6.5         k_LoSpdVDAuthority_Uls_f32       0         k_SrlHwAgVIdTiThd_mS_u32       4891         k_SysKinRatio_MtrDegpHwDeg_f32       53.2999992         k_TravelXCDeadband_Uls_f32       67.4899979         k_TravelXCHwAuthority_Uls_f32       0.0717500001         target_DtrmnElapsedTime_mS_u32_ElapsedTime       1568734208	
VehDyn_LoSpdLearnt_Cnt_M_lgc       0         VehDyn_MaxOffset_HwDeg_M_f32       598.789978         VehDyn_MinOffset_HwDeg_M_f32       -1131.68994         VehDyn_PinTrqSV_M_str.SV_Uls_f32       8.89999962         VehDyn_PinTrqSV_M_str.K_Uls_f32       0.000368000008         VehDyn_SLPHwAuth_Uls_M_f32       0.296999991         VehDyn_SLPHwPos_HwDeg_M_f32       -1117.18994         VehDyn_SrlHwAgVldTimer_mS_M_u32       2212175616         k_HiSpdVDAuthority_Uls_f32       1         k_HwTqMgnThd_HwNm_f32       6.5         k_LoSpdVDAuthority_Uls_f32       0         k_SrlHwAgVldTiThd_mS_u32       4891         k_SysKinRatio_MtrDegpHwDeg_f32       53.2999992         k_TravelXCDeadband_Uls_f32       67.4899979         k_TravelXCHwAuthority_Uls_f32       0.0717500001         target_DtrmnElapsedTime_mS_u32_ElapsedTime       1568734208	
VehDyn_MaxOffset_HwDeg_M_f32       598.789978         VehDyn_MinOffset_HwDeg_M_f32       -1131.68994         VehDyn_PinTrqSV_M_str.SV_Uls_f32       8.89999962         VehDyn_PinTrqSV_M_str.K_Uls_f32       0.000368000008         VehDyn_SLPHwAuth_Uls_M_f32       0.296999991         VehDyn_SLPHwPos_HwDeg_M_f32       -1117.18994         VehDyn_SrlHwAgVIdTimer_mS_M_u32       2212175616         k_HiSpdVDAuthority_Uls_f32       1         k_HwTqMgnThd_HwNm_f32       6.5         k_LoSpdVDAuthority_Uls_f32       0         k_SrlHwAgVIdTiThd_mS_u32       4891         k_SysKinRatio_MtrDegpHwDeg_f32       53.2999992         k_TravelXCDeadband_Uls_f32       67.4899979         k_TravelXCHwAuthority_Uls_f32       0.0717500001         target_DtrmnElapsedTime_mS_u32_ElapsedTime       1568734208	
VehDyn_MinOffset_HwDeg_M_f32       -1131.68994         VehDyn_PinTrqSV_M_str.SV_Uls_f32       8.89999962         VehDyn_PinTrqSV_M_str.K_Uls_f32       0.000368000008         VehDyn_SLPHwAuth_Uls_M_f32       0.296999991         VehDyn_SLPHwPos_HwDeg_M_f32       -1117.18994         VehDyn_SrlHwAgVIdTimer_mS_M_u32       2212175616         k_HiSpdVDAuthority_Uls_f32       1         k_HwTqMgnThd_HwNm_f32       6.5         k_LoSpdVDAuthority_Uls_f32       0         k_SrlHwAgVIdTiThd_mS_u32       4891         k_SysKinRatio_MtrDegpHwDeg_f32       53.2999992         k_TravelXCDeadband_Uls_f32       67.4899979         k_TravelXCHwAuthority_Uls_f32       0.0717500001         target_DtrmnElapsedTime_mS_u32_ElapsedTime       1568734208	
VehDyn_PinTrqSV_M_str.SV_Uls_f32       8.89999962         VehDyn_PinTrqSV_M_str.K_Uls_f32       0.000368000008         VehDyn_SLPHwAuth_Uls_M_f32       0.296999991         VehDyn_SLPHwPos_HwDeg_M_f32       -1117.18994         VehDyn_SrlHwAgVIdTimer_mS_M_u32       2212175616         k_HiSpdVDAuthority_Uls_f32       1         k_HwTqMgnThd_HwNm_f32       6.5         k_LoSpdVDAuthority_Uls_f32       0         k_SrlHwAgVIdTiThd_mS_u32       4891         k_SysKinRatio_MtrDegpHwDeg_f32       53.2999992         k_TravelXCDeadband_Uls_f32       67.4899979         k_TravelXCHwAuthority_Uls_f32       0.0717500001         target_DtrmnElapsedTime_mS_u32_ElapsedTime       1568734208	
VehDyn_PinTrqSV_M_str.K_UIs_f32       0.000368000008         VehDyn_SLPHwAuth_UIs_M_f32       0.296999991         VehDyn_SLPHwPos_HwDeg_M_f32       -1117.18994         VehDyn_SrlHwAgVIdTimer_mS_M_u32       2212175616         k_HiSpdVDAuthority_UIs_f32       1         k_HwTqMgnThd_HwNm_f32       6.5         k_LoSpdVDAuthority_UIs_f32       0         k_SrlHwAgVIdTiThd_mS_u32       4891         k_SysKinRatio_MtrDegpHwDeg_f32       53.2999992         k_TravelXCDeadband_UIs_f32       67.4899979         k_TravelXCHwAuthority_UIs_f32       0.0717500001         target_DtrmnElapsedTime_mS_u32_ElapsedTime       1568734208	
VehDyn_SLPHwAuth_Uls_M_f32       0.296999991         VehDyn_SLPHwPos_HwDeg_M_f32       -1117.18994         VehDyn_SrlHwAgVldTimer_mS_M_u32       2212175616         k_HiSpdVDAuthority_Uls_f32       1         k_HwTqMgnThd_HwNm_f32       6.5         k_LoSpdVDAuthority_Uls_f32       0         k_SrlHwAgVldTiThd_mS_u32       4891         k_SysKinRatio_MtrDegpHwDeg_f32       53.2999992         k_TravelXCDeadband_Uls_f32       67.4899979         k_TravelXCHwAuthority_Uls_f32       0.0717500001         target_DtrmnElapsedTime_mS_u32_ElapsedTime       1568734208	
VehDyn_SLPHwPos_HwDeg_M_f32       -1117.18994         VehDyn_SrlHwAgVldTimer_mS_M_u32       2212175616         k_HiSpdVDAuthority_UIs_f32       1         k_HwTqMgnThd_HwNm_f32       6.5         k_LoSpdVDAuthority_UIs_f32       0         k_SrlHwAgVldTiThd_mS_u32       4891         k_SysKinRatio_MtrDegpHwDeg_f32       53.2999992         k_TravelXCDeadband_UIs_f32       67.4899979         k_TravelXCHwAuthority_UIs_f32       0.0717500001         target_DtrmnElapsedTime_mS_u32_ElapsedTime       1568734208	
VehDyn_SrlHwAgVldTimer_mS_M_u32       2212175616         k_HiSpdVDAuthority_Uls_f32       1         k_HwTqMgnThd_HwNm_f32       6.5         k_LoSpdVDAuthority_Uls_f32       0         k_SrlHwAgVldTiThd_mS_u32       4891         k_SysKinRatio_MtrDegpHwDeg_f32       53.2999992         k_TravelXCDeadband_Uls_f32       67.4899979         k_TravelXCHwAuthority_Uls_f32       0.0717500001         target_DtrmnElapsedTime_mS_u32_ElapsedTime       1568734208	
k_HiSpdVDAuthority_UIs_f32       1         k_HwTqMgnThd_HwNm_f32       6.5         k_LoSpdVDAuthority_UIs_f32       0         k_SrlHwAgVldTiThd_mS_u32       4891         k_SysKinRatio_MtrDegpHwDeg_f32       53.2999992         k_TravelXCDeadband_UIs_f32       67.4899979         k_TravelXCHwAuthority_UIs_f32       0.0717500001         target_DtrmnElapsedTime_mS_u32_ElapsedTime       1568734208	
k_HwTqMgnThd_HwNm_f32       6.5         k_LoSpdVDAuthority_Uls_f32       0         k_SrlHwAgVldTiThd_mS_u32       4891         k_SysKinRatio_MtrDegpHwDeg_f32       53.2999992         k_TravelXCDeadband_Uls_f32       67.4899979         k_TravelXCHwAuthority_Uls_f32       0.0717500001         target_DtrmnElapsedTime_mS_u32_ElapsedTime       1568734208	
k_LoSpdVDAuthority_Uls_f32       0         k_SrlHwAgVldTiThd_ms_u32       4891         k_SysKinRatio_MtrDegpHwDeg_f32       53.2999992         k_TravelXCDeadband_Uls_f32       67.4899979         k_TravelXCHwAuthority_Uls_f32       0.0717500001         target_DtrmnElapsedTime_mS_u32_ElapsedTime       1568734208	
k_SrlHwAgVldTiThd_mS_u32       4891         k_SysKinRatio_MtrDegpHwDeg_f32       53.2999992         k_TravelXCDeadband_Uls_f32       67.4899979         k_TravelXCHwAuthority_Uls_f32       0.0717500001         target_DtrmnElapsedTime_mS_u32_ElapsedTime       1568734208	
k_TravelXCDeadband_Uls_f32       67.4899979         k_TravelXCHwAuthority_Uls_f32       0.0717500001         target_DtrmnElapsedTime_mS_u32_ElapsedTime       1568734208	
k_TravelXCHwAuthority_Uls_f32 0.0717500001 target_DtrmnElapsedTime_mS_u32_ElapsedTime 1568734208	
target_DtrmnElapsedTime_mS_u32_ElapsedTime 1568734208	
target_GetSystemTime_mS_u32_CurrentTime 800969984	
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi 5477	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 2212175616 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32	
target_Rte_inst_Ap_VenDyn_VenDyn_Peri_CcwEOT_HwDeg_f32 target_Rte_inst_Ap_VenDyn_VenDyn_Peri_CcwEOT_HwDeg_f32 target_VenDyn_Peri_CwEOT_HwDeg_f32	





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_Hwl	Nm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_I	MtrRadpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_Hwl	Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuth	nority_Uls_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwF	Pos_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cr	nt_lgc	
target_Rte_Inst_Ap_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDe	eg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCR	F_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedV	alid Cnt Igc	
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1150.18994		
target VehDyn Per1 CwEOT HwDeg f32.value	876.961975		
target VehDyn Per1 HwTorque HwNm f32.value	-9.25		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-158.710007		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-6.48000002		
target VehDyn Per1 SrlHwAgVld Cnt Igc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1117.18994		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.19999981		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	35.8199997		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1	1	/ result
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	3796740682	3796740682	_
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682	3796740682	
VehDyn AutoCntrDetSpd_M_sir.Timerz_ms_usz  VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-6.48000002	-6.48000002 ± 0.000009	_
, , , , , , , , , , , , , , , , , , ,	-6.48000002	-6.48000002 ± 0.000009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lqc		-8.46000002 ± 0.000009	Š
7 = 1 = = = = = = = = = = = = = = = = =	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	Ž
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc			Š
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	800969984	800969984	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682	3796740682	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-6.48000002	-6.48000002 ± 0.000009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-6.48000002	-6.48000002 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	800969984	800969984	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682	3796740682	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-6.48000002	-6.48000002 ± 0.000009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-6.48000002	-6.48000002 ± 0.000009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
	598.789978	598.789978	•
VehDyn_MaxOffset_HwDeg_M_f32		1121 00001	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	-1131.68994	-1131.68994	
	-1131.68994 8.8933773	8.8933773 ± 0.000009	
VehDyn_MinOffset_HwDeg_M_f32			
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	8.8933773	8.8933773 ± 0.000009	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 CheckpointReached	1	_

Test Step 2.51 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime

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Name	Input Value
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	120.199997
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	96.1999969
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.19999981
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.1999969
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	39056
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004656
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004656
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.170013
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000744000019
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.170013
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000744000019
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	98
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	66.1999969
/ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	9.19999981
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	50.099985
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	5235
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	27074
/ehDyn_AutoCntrHiSpd_M_str.Timer2 mesn_ms_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004656
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.170013
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00054400001
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.170013
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000874000019
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	120.800003
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	96.9000015
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.80000019
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.9000015
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	7034
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	39056
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004656
/ehDyn AutoCntrLoSpd M str.Timer2 mS u32	4004004656
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.170013
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.3799988e-005
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-444.170013
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000744000019
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc /ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
/enDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc /ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_ForceCenterEnabled_Cnt_M_lgc	
/ehDyn_ForceCenterOffset_HwDeg_M_f32	-101.489998
/ehDyn_HiSpdLearnt_Cnt_M_lgc	1
/ehDyn_Initialize_Cnt_M_lgc	0
/ehDyn_LoSpdLearnt_Cnt_M_lgc	1
/ehDyn_MaxOffset_HwDeg_M_f32	603.781982
/ehDyn_MinOffset_HwDeg_M_f32	-1125.00598
/ehDyn_PinTrqSV_M_str.SV_Uls_f32	13.8999996
/ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000368999987
ehDyn_SLPHwAuth_Uls_M_f32	0.282000005
ehDyn_SLPHwPos_HwDeg_M_f32	-1106.93005
ehDyn_SrlHwAgVldTimer_mS_M_u32	2059598336
_HiSpdVDAuthority_Uls_f32	0
_HwTqMgnThd_HwNm_f32	0.00120000006
_LoSpdVDAuthority_Uls_f32	1
_SrlHwAgVldTiThd_mS_u32	91986
SysKinRatio_MtrDegpHwDeg_f32	86.5
_TravelXCDeadband_Uls_f32	68.9300003
	0.0729750022
arget_DtrmnElapsedTime_mS_u32_ElapsedTime	4195077888

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Name	Input Value		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u332_E			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	2059598336		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3:	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	lls_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	m_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr	nt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3:	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1143.93005		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	887.869019		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.32999992		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	753.640015		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-444.170013		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1106.93005		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.39999962		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	36.9199982		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.170013	-444.170013 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.170013	-444.170013 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	569984000	569984000	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.170013	-444.170013 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.170013	-444.170013 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.170013	-444.170013 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.170013	-444.170013 ± 0.0009	· ·
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	_
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	
VehDyn_Initialize_Cnt_M_lgc	1	1	· ·
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	•
VehDyn_MaxOffset_HwDeg_M_f32	887.869019	887.869019	
VehDyn_MinOffset_HwDeg_M_f32	-1143.93005	-1143.93005	<b>V</b>
VehDyn_PinTrqSV_M_str.SV_UIs_f32	13.8913918	13.8913927 ± 0.00009	_
VehDyn_SrlHwAgVldTimer_mS_M_u32	2059598336	2059598336	<b>V</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	<b>V</b>
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-342.680023	-342.679993 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte Call VehDyn Per1 CP1 ChecknointReached	1	Rte Call VehDvn Per1 CP1 ChecknointReached	1	_



est Step 2.52 (Repeat Count = 1)	
lame	Input Value
rtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
etSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
te_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
te_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	350.5
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.5
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.5
ehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	56.5
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532
ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	27401
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
ehDyn AutoCntrDetSpd M str.Timer2 mS u32	4211268631
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003
	0.000745999976
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000745999976
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	66.1999969
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	69
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7.0999999
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	41
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	0
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	12258
ehDyn AutoCntrHiSpd M str.Timer1 mS u32	4211268631
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000546000025
ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1146.91003
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000875999976
	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	350.899994
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	106.800003
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.89999962
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	56.7999992
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	25532
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27401
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.41999982e-005
ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1146.91003
ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000745999976
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Errable_Cnt_lgc	1
ehDyn_AutoChtrLoSpd_M_str.Filter2Initialized_Cht_lgc	1
7 - 7 - 2	1
ehDyn_ForceCenterEnabled_Cnt_M_lgc	
ehDyn_ForceCenterOffset_HwDeg_M_f32	-1.58000004
ehDyn_HiSpdLearnt_Cnt_M_lgc	0
ehDyn_Initialize_Cnt_M_lgc	0
ehDyn_LoSpdLearnt_Cnt_M_lgc	0
ehDyn_MaxOffset_HwDeg_M_f32	608.773987
ehDyn_MinOffset_HwDeg_M_f32	-1118.32202
ehDyn_PinTrqSV_M_str.SV_Uls_f32	7.80000019
ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000369999994
ehDyn_SLPHwAuth_Uls_M_f32	0.26699999
ehDyn_SLPHwPos_HwDeg_M_f32	-1096.67004
ehDyn SrlHwAgVldTimer mS M u32	800969984
HiSpdVDAuthority Uls f32	1
HwTgMgnThd HwNm f32	1.10000002
_ , ,	0
LoSpdVDAuthority_Uls_f32 SrlHwAgVldTiThd_mS_u32	0 12

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Transport Chemistry Use 122	Name	Input Value		
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bageR, Rec.   Call Ap. Verhipur, System Time, GelSystem Time, PR. 042 Current Time   bageR, Rec.   baseR, Delta Ap. Verhipur, Verhipur, Pert CoeCOT, Harbog, 122   tanger, Rec.   baseR, Verhipur, Pert LORGOT, Harbog, 122   tanger, Rec.   baseR, Verhipur, Pert LORGOT, Harbog, 122   tanger, Rec.   baseR, Verhipur, Pert LORGOT, Pert Ap. Verhipur, Verhipur, Pert Semonicas-Nathon, Ust. 152   tanger, Rec.   baseR, Verhipur, Verhipur, Pert Semonicas-Nathon, Ust. 152   tanger, Rec.   baseR, Verhipur, Verhipur, Pert Semonicas-Nathon, Verhipur, 202   tanger, Rec.   baseR, Verhipur, Verhipur, Pert Semonicas-Nathon, Verhipur, 202   tanger, Rec.   baseR, Verhipur, Verhipur, Pert Semonicas-Nathon, Verhipur, 202   tanger, Rec.   baseR, Verhipur, Verhipur, Pert Semonicas-Nathon, Verhipur, 202   tanger, Rec.   baseR, Verhipur, Verhipur, Pert Jorgot, Pert Jorgot, Verhipur, Pert Jorgot, Pert Jorgot, Verhipur, Pert Jorgot, Pert Jorgot, Verhipur, Pert Jorgot, Verhipur, Pert Jorgot, Pert Jorgot, Verhipur, Pert Jorgot,	<u> </u>			
Imager, Rev.   Tech.   Performance   Perfo				
Ising Re, Imal, Ap, VerbDyn, WerbDyn, Perf, Mortovor(EP, Minhagos, 122   Ising Re, Imal, Ap, VerbDyn, WerbDyn, Perf, Mortovor(EP, Minhagos, 122   Ising Re, Imal, Ap, VerbDyn, WerbDyn, Perf, Mortovor(EP, Minhagos, 122   Ising Re, Imal, Ap, VerbDyn, WerbDyn, Perf, Seniories Senioring), Use 122   Ising Re, Imal, Ap, VerbDyn, WerbDyn, Perf, Seniories Senioring, Use 122   Ising Re, Imal, Ap, VerbDyn, WerbDyn, Perf, Seniories Senioring, Use 122   Ising Re, Imal, Ap, VerbDyn, WerbDyn, Perf, Seniories Senioring, Use 122   Ising Re, Imal, Ap, VerbDyn, WerbDyn, Perf, Seniories Senioring, Use 122   Ising Re, Imal, Ap, VerbDyn, WerbDyn, Perf, Seniories Senioring, Use 122   Ising Re, Imal, Ap, VerbDyn, WerbDyn, Perf, Seniories Senioring, Use 122   Ising Re, Imal, Ap, VerbDyn, WerbDyn, Perf, Seniories Senioring, Use 122   Ising Re, Imal, Ap, VerbDyn, WerbDyn, Perf, Seniories Senioring, Use 122   Ising Re, Imal, Ap, VerbDyn, WerbDyn, Perf, Verbles Speed Kyb, ISI   Ising Re, Imal, Ap, VerbDyn, WerbDyn, Perf, Verbles Speed Kyb, ISI   Ising Re, Imal, Ap, VerbDyn, WerbDyn, Perf, Verbles Speed Kyb, ISI   Ising Re, Imal, Ap, VerbDyn, WerbDyn, Perf, Seniories Seniorie		,		
target, Rein, Mar, Ay, Verb, Price H, Montrivo (CFF, Infrikados) 5/22 target, Rein, Mar, Ay, Verb, Price P, Reinkribes, Harbory, US, 12 target, Rein, Mar, Ay, Verb, Price P, Reinkribes, Harbory, US, 12 target, Rein, Mar, Ay, Verb, Price P, Reinkribes, Harbory, US, 12 target, Rein, Mar, Ay, Verb, Price P, Semaniess-Authority, US, 12 target, Rein, Mar, Ay, Verb, Price P, Price P, Semaniess-Authority, US, 12 target, Rein, Mar, Ay, Verb, Price P, Price P, Semaniess-Authority, US, 12 target, Rein, Mar, Ay, Verb, Price P, Price P, Semaniess-Authority, US, 12 target, Rein, Mar, Ay, Verb, Price P, Price P, Semaniess-Authority, US, 12 target, Rein, Mar, Ay, Verb, Price P, Price P, Semaniess-Authority, US, 12 target, Rein, Mar, Ay, Verb, Price P, Marthaus, 13 target, Verb, Price P, Verb, Price P, Verb, Price P, Verb, Price P, Semaniess-Authority, US, 12 target, Rein, Mar, Ay, Verb, Price P, Verb, Price P, Verb, Price P, Semaniess-Authority, US, 12 target, Rein, Mar, Ay, Verb, Price P, Verb,				
Integer   Ref.   Integer   New   Proceedings   Ref.				
target, Rein, R.A. & Verbin, WebDyn, Perl. SemonissAuthority, U.S. 52 target, Rein, R.A. & Verbin, WebDyn, Perl. SemonissAuthority, U.S. 52 target, Rein, R.A. & Verbin, WebDyn, Perl. SemonissAuthority, U.S. 52 target, Rein, R.A. & Verbin, WebDyn, Perl. SemonissAuthority, U.S. 52 target, Rein, R.A. & Verbin, WebDyn, Perl. SemonissAuthority, U.S. 52 target, Rein, R.A. & Verbin, WebDyn, Perl. SemonissAuthority, U.S. 52 target, Rein, R.A. & Verbin, WebDyn, Perl. Torque-GradCeff, Linkhin, 152 target, Rein, R.A. & Verbin, WebDyn, Perl. Torque-GradCeff, Linkhin, 152 target, Rein, R.A. & Verbin, WebDyn, Perl. Torque-GradCeff, Linkhin, 152 target, Rein, R.A. & Verbin, WebDyn, Perl. Torque-GradCeff, Linkhin, 152 target, Verbin, Perl. CoxeCOT, Hodge, 152-value target, Verbin, Perl. CoxeCOT, Hodge, 152-value target, Verbin, Perl. Morelay, Ferbin, 152-value target, Verbin, Perl. Self-MayQin, 152-value target, Verbin, Perl. Torque-GradCeff, Inthins, 152-value target, Verbin, Perl, Verbin, 152-value target, Verbin, Perl, Verbin, 152-value target, Verbin, 152-value target				
Israge, Relins EA, D. VehDmy-NehDmy, Perf. Seriospicial-Nebb, 1400g, 152   Israge, Relins EA, D. VehDmy-NebDmy, Perf. Seriospicial-Nebb, 150   Israge, Relins EA, VehDmy-NebDmy, Perf. VehicleSpeed, Myn., 152   Israge, Relins EA, VehDmy-NebDmy, Perf. Relins EA, VehDmy-NebDmy, Perf. VehicleSpeed, Myn., 152   Israge, Relins EA, VehDmy-NebDmy, Perf. Relins EA, VehDmy				
target_Nebra_Pa_VehDny-Nebro_Perf_SehNebA_Pabo_12   target_Nebro_Pabo_Pabo_Pabo_Pabo_Pabo_Pabo_Pabo_Pab				
Israge_Relinet_AD_VehDyn_VehDyn_Pert_Sell-Nob_Neb0_RD2				
Image Res Inst As VehDyn-VehDyn Pert   TorqueConCRF, Minhan   52				
Israge, Rie, Inst., Ap. VerDyn VerDyn, Pert. VerbickSpeed (Apl., 192   Israget, Verbiny, Pert., Center CT, Horber, D. 192   Israget, Verbiny, Pert., Horber, Verbiny, Pert., Verbiny, Pe				
target_Neht_Part_CoeffCT_Hobe_Diz_Nation   target_VehtDyn_Pert_CehtCT_Hobe_Diz_Nation   target_VehtDyn_Pert_CehtCT_Hobe_Diz_Nation   target_VehtDyn_Pert_HotTrope_Holden_Diz_Nation   target_VehtDyn_Pert_HotTrope_Holden_Diz_Nation   target_VehtDyn_Pert_Holden_Holden_Diz_Nation   target_VehtDyn_Pert_Holden_Holden_Diz_Nation   target_VehtDyn_Pert_Holden_Dix_Nation   target_VehtDyn_Pert_Nehtholog_Holden_Diz_Nation   target_VehtDyn_Pert_Nehtholog_Holden_Diz_Nation   target_VehtDyn_Pert_Nehtholog_Holden_Diz_Nation   target_VehtDyn_Pert_Nehtholog_Holden_Diz_Nation   target_VehtDyn_Pert_Nehtholog_Holden_Diz_Nation   target_VehtDyn_Pert_Torquet_CondEn_More_More_More_More_More_More_More_More				
Integral_VehDyn_Pert_ComCOT_MoDeg_02_value				
target_VehDyn_Pert_Out_OFT_Hortong_Hixm_132 value   94.09999985			<b>∪∠</b> 	
IsrageL.VehDyn_Pert_NetroVerCPE_NREADS_02_value   159,19999				
Integred_VehDyn_Pert_MontroviaCRF_MitRadpS_182_value   1146.91003				
Israget_VehDyn_Pert_SrithwagNd_Cnt_lgc.value   1466.91003				
target_VehDyn_Perl_SirthwAg/MC_Ort_lgc_value				
Integet_VehDyn_Pert_SrithwAg_HwDeg_152.value   4,9000001   4,9000001   4,9000001   4,9000001   4,9000001   4,9000001   4,9000001   4,9000001   4,9000001   4,9000001   4,90000001   4,90000001   4,90000001   4,90000001   4,90000001   4,90000001   4,9000000000000000000000000000000000000	· - ·			
target_VehDyn_Pert_TorqueCmdCRF_Mithtm_Ts2_value   0				
Isrget_VehDyn_Per1_VehickSpeed_Yph_G2.value   38.6699992   38.66999992   38.669999992   38.669				
Name				
Name				
VehDyn_AutoCntrDeISpd_M_str.Timer1_mS_u32				
VehDyn_AutoCntrDelSpd_M_str.Timer1_mS_u32			•	Result
VehDyn_AutoCht/DetSpd_M_str.Timer2_mS_u32				~
VehDyn_AutoCntrDetSpd_M_str.ReitHwPosFittSV_HwDeg_str.SV_Uls_f32         1146.91003         1146.91003 ± 0.009           VehDyn_AutoCntrDetSpd_M_str.ReitHwPosFittSV_HwDeg_str.SV_Uls_f32         1146.91003         1146.91003 ± 0.009           VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         3351443200         3351443200           VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFiltSV_HwDeg_str.SV_Uls_f32         1146.91003         1146.91003 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFiltSV_HwDeg_str.SV_Uls_f32         1146.91003         1146.91003 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1				~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         1146.91003         1146.91003 ± 0.009           VehDyn_AutoCntrDetSpd_M_str.FilterEnable_Cnt_Igc         1         1           VehDyn_AutoCntrDetSpd_M_str.FilterInitalized_Cnt_Igc         1         1           VehDyn_AutoCntrDetSpd_M_str.FilterInitalized_Cnt_Igc         0         0           VehDyn_AutoCntrDetSpd_M_str.FilterInitalized_Cnt_Igc         0         0           VehDyn_AutoCntrHSpd_M_str.Timer1_mS_u32         3351443200         3351443200           VehDyn_AutoCntrHSpd_M_str.Timer1_mS_u32         4211268631         4211268631           VehDyn_AutoCntrHSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32         1146.91003         1146.91003 ± 0.009           VehDyn_AutoCntrHSpd_M_str.FilterSpelie_Cnt_Igc         0         0         0           VehDyn_AutoCntrHSpd_M_str.FilterInitalized_Cnt_Igc         0         0         0           VehDyn_AutoCntrHSpd_M_str.FilterInitalized_Cnt_Igc         0         0         0           VehDyn_AutoCntrHSpd_M_str.FilterInitalized_Cnt_Igc         0         0         0           VehDyn_AutoCntrLoSpd_M_str.FilterInitalized_Cnt_Igc         1         1         4           VehDyn_AutoCntrLoSpd_M_str.FilterInitalized_Cnt_Igc         1         1         4           VehDyn_AutoCntrLoSpd_M_str.FilterInitalized_Cnt_Igc         <				
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         1         1         1         VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc         1         1         1         VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc         0         0         0         VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         0         0         0         VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         0         0         0         VehDyn_AutoCntrHSpd_M_str.Timer1_mS_u32         4211268631	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32		1146.91003 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Pittalized_Cnt_lgc	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32			
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         3351443200         3351443200           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         4211268631         4211268631           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32         1146.91003         1146.91003 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         1146.91003         1146.91003 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         3551443200         3351443200           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         4211268631         4211268631           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32         1146.91003         1146.91003 ± 0.0009           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32         1146.91003         1146.91003 ± 0.0009           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         0         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lg			1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         3351443200         3551443200         VehDyn_AutoCntrHiSpd_M_str.Filter2_mS_u32         4211268631         4211268631         4211268631         VehDyn_AutoCntrHiSpd_M_str.Filter2_mS_u32         4211268631         4211268631         VehDyn_AutoCntrHiSpd_M_str.FilterPable_Cnt_lgc         1146,91003         1146,91003 ±0.009         VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0         VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0         0         VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0         0         VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0         VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         VehDyn_AutoCntrLoSpd_M_str.Filter2_mS_u32         4211268631         4211268631         4211268631         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32         1146,91003         1146,91003 ±0.0009         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32         1146,91003         1146,91003 ±0.0009         VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         0         0         VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1         1         1         VehDyn_L				
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         3351443200         3351443200           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         4211288631         4211268631           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitIt3V_HwDeg_str.SV_UIs_f32         1146.91003         1146.91003 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         3351443200         3351443200           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt3V_HwDeg_str.SV_UIs_f32         4211288631         4211288631           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         1146.91003         1146.91003 ± 0.0009           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1         1           VehDyn_LalicentLoSpd_M_str.Filter1Initialized_Cnt_lgc         1         1           VehDyn_H				
VehDyn_AutoCntrHiSpd_M_str. Timer2_mS_u32         4211268631         4211268631           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltISV_HwDeg_str.SV_UIs_f32         1146.91003         1146.91003 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltISV_HwDeg_str.SV_UIs_f32         1146.91003         1146.91003 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Inbitalized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Inbitalized_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Inbitalized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2ms_u32         3351443200         3351443200           VehDyn_AutoCntrLoSpd_M_str.Filter2ms_u32         4211268631         4211268631           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltISV_HwDeg_str.SV_UIs_f32         1146.91003         1146.91003 ± 0.0009           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1         1           VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0           VehDyn_HiSpdLearnt		·		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32         1146.91003         1146.91003 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         3351443200         3351443200           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         4211288631         4211288631           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32         1146.91003         1146.91003 ± 0.0009           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         1146.91003         1146.91003 ± 0.0009           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1         1         40146.91003 ± 0.0009           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         40146.91003 ± 0.0009           VehDyn_MinOffset_HwDeg_M_f32         1         1         1           VehDyn_LispdLearnt_Cnt_M_lgc         0	VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3351443200	3351443200	
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFiit2SV_HwDeg_str.SV_UIs_f32         1146.91003         1146.91003 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Fiiter2Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Fiiter1Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         3351443200         3351443200           VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFiit1SV_HwDeg_str.SV_UIs_f32         1146.91003         1146.91003 ± 0.0009           VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFiit2SV_HwDeg_str.SV_UIs_f32         1146.91003         1146.91003 ± 0.0009           VehDyn_AutoCntrLoSpd_M_str.Fiiter2Enable_Cnt_lgc         0         0         0           VehDyn_AutoCntrLoSpd_M_str.Fiiter2Enable_Cnt_lgc         1         1         1           VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc         1         1         VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc         1         1         VehDyn_LoSpd_Learn_Cnt_M_lgc         0         0         VehDyn_LoSpd_Learn_Cnt_M_lgc         0         0         VehDyn_LoSpd_Learn_Cnt_M_lgc         0         0         VehDyn_LoSpd				-
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         3351443200         3351443200         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Spd_M_str.Filter1Enable_Spd_M_str.Filter1Enable_Spd_M_str.Sv_Uls_f32         1146.91003         1146.91003 ±0.0009         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         ✓           VehDyn_HiSpdLearn_Cnt_M_lgc         0         0         ✓           VehDyn_LiSpdLearn_Cnt_M_lgc         0         0         ✓           VehDyn_MinOffset_HwDeg_M_f32         1137.67004         1	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         3351443200         3351443200         ✓           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         4211268631         4211268631         ✓           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32         1146.91003         1146.91003 ± 0.0009         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1         1         0         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1         ✓           VehDyn_LiSpdLearnt_Cnt_M_lgc         0         0         0         ✓	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         3351443200         3351443200           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         4211268631         4211268631           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32         1146.91003         1146.91003 ± 0.0009           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         1146.91003         1146.91003 ± 0.0009           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0           VehDyn_Initialize_Cnt_M_lgc         0         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0           VehDyn_MaxOffset_HwDeg_M_f32         898.776001         898.776001           VehDyn_MinOffset_HwDeg_M_f32         -1137.67004         -1137.67004		0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         3351443200         3351443200           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         4211268631         4211268631           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32         1146.91003         1146.91003 ± 0.0009           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0           VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0           VehDyn_MaxOffset_HwDeg_M_f32         898.776001         898.776001           VehDyn_MinOffset_HwDeg_M_f32         7.79365158         7.7936511 ± 0.000009           VehDyn_SrlHwAgVIdTimer_		0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       3351443200       3351443200         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       4211268631       4211268631         VehDyn_AutoCntrLoSpd_M_str.Rell+wPosFilt1SV_HwDeg_str.SV_UIs_f32       1146.91003       1146.91003 ± 0.0009         VehDyn_AutoCntrLoSpd_M_str.Rell+wPosFilt2SV_HwDeg_str.SV_UIs_f32       1146.91003       1146.91003 ± 0.0009         VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc       0       0         VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1       1         VehDyn_LiSpdLearnt_Cnt_M_lgc       0       0         VehDyn_HiSpdLearnt_Cnt_M_lgc       0       0         VehDyn_LoSpdLearnt_Cnt_M_lgc       0       0         VehDyn_LoSpdLearnt_Cnt_M_lgc       0       0         VehDyn_MaxOffset_HwDeg_M_f32       898.776001       898.776001         VehDyn_MinOffset_HwDeg_M_f32       -1137.67004       -1137.67004         VehDyn_SrlHwAgVIdTimer_mS_M_u32       800969984       800969984         VehDyn_Per1_SensorlessAuthority_Uls_f32.value       1       1 ± 0.0004			0	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       4211268631       4211268631         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_UIs_f32       1146.91003       1146.91003 ± 0.0009         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_UIs_f32       1146.91003       1146.91003 ± 0.0009         VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc       0       0         VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc       1       1         VehDyn_HiSpdLearnt_Cnt_M_Igc       0       0         VehDyn_Initialize_Cnt_M_Igc       1       1         VehDyn_LoSpdLearnt_Cnt_M_Igc       0       0         VehDyn_MaxOffset_HwDeg_M_f32       898.776001       898.776001         VehDyn_MinOffset_HwDeg_M_f32       -1137.67004       -1137.67004         VehDyn_SriHwAgVIdTimer_mS_M_u32       800969984       800969984         VehDyn_Per1_SensorlessAuthority_UIs_f32.value       1       1 ± 0.004				~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32       1146.91003       1146.91003 ± 0.0009         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32       1146.91003       1146.91003 ± 0.0009         VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc       0       0         VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1       1         VehDyn_HiSpdLearnt_Cnt_M_lgc       0       0         VehDyn_Initialize_Cnt_M_lgc       0       0         VehDyn_LoSpdLearnt_Cnt_M_lgc       0       0         VehDyn_LoSpdLearnt_Cnt_M_lgc       0       0         VehDyn_MaxOffset_HwDeg_M_f32       898.776001       898.776001         VehDyn_MinOffset_HwDeg_M_f32       -1137.67004       -1137.67004         VehDyn_PinTrqSV_M_str.SV_Uls_f32       7.79365158       7.7936511 ± 0.000009         VehDyn_SriHwAgVIdTimer_mS_M_u32       800969984       800969984         target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value       1       1 ± 0.004				~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32       1146.91003       1146.91003 ± 0.0009         VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc       0       0         VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1       1         VehDyn_HiSpdLearnt_Cnt_M_lgc       0       0         VehDyn_Initialize_Cnt_M_lgc       1       1         VehDyn_LoSpdLearnt_Cnt_M_lgc       0       0         VehDyn_LoSpdLearnt_Cnt_M_lgc       0       0         VehDyn_MaxOffset_HwDeg_M_f32       898.776001       898.776001         VehDyn_MinOffset_HwDeg_M_f32       -1137.67004       -1137.67004         VehDyn_PinTrqSV_M_str.SV_Uls_f32       7.79365158       7.7936511 ± 0.000009         VehDyn_SriHwAgVIdTimer_mS_M_u32       800969984       800969984         target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value       1       1 ± 0.004				~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0           VehDyn_Initialize_Cnt_M_lgc         1         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0           VehDyn_MaxOffset_HwDeg_M_f32         898.776001         898.776001           VehDyn_MinOffset_HwDeg_M_f32         -1137.67004         -1137.67004           VehDyn_PinTrqSV_M_str.SV_UIs_f32         7.79365158         7.7936511±0.000009           VehDyn_SrlHwAgVIdTimer_mS_M_u32         800969984         800969984           target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value         1         1±0.004				<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0           VehDyn_Initialize_Cnt_M_lgc         1         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0           VehDyn_MaxOffset_HwDeg_M_f32         898.776001         898.776001           VehDyn_MinOffset_HwDeg_M_f32         -1137.67004         -1137.67004           VehDyn_PinTrqSV_M_str.SV_UIs_f32         7.79365158         7.7936511 ± 0.000009           VehDyn_SrlHwAgVIdTimer_mS_M_u32         800969984         800969984           target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value         1         1 ± 0.004	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.0009	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         ✓           VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0         ✓           VehDyn_LoSpdLearnt_Cnt_M_lgc         1         1         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0         ✓           VehDyn_MaxOffset_HwDeg_M_f32         898.776001         898.776001         ✓           VehDyn_MinOffset_HwDeg_M_f32         -1137.67004         -1137.67004         ✓           VehDyn_PinTrqSV_M_str.SV_UIs_f32         7.79365158         7.7936511± 0.000009         ✓           VehDyn_SrlHwAgVldTimer_mS_M_u32         800969984         800969984         ✓           target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value         1         1 ± 0.004         ✓	VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         ✓           VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0         ✓           VehDyn_Initialize_Cnt_M_lgc         1         1         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0         ✓           VehDyn_MaxOffset_HwDeg_M_f32         898.776001         898.776001         ✓           VehDyn_MinOffset_HwDeg_M_f32         -1137.67004         -1137.67004         ✓           VehDyn_PinTrqSV_M_str.SV_UIs_f32         7.79365158         7.7936511± 0.000009         ✓           VehDyn_SrlHwAgVldTimer_mS_M_u32         800969984         800969984         ✓           target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value         1         1± 0.004         ✓	VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0         ✓           VehDyn_Initialize_Cnt_M_lgc         1         1         1         ✓           VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0         ✓         ✓           VehDyn_MaxOffset_HwDeg_M_f32         898.776001         898.776001         ✓           VehDyn_MinOffset_HwDeg_M_f32         -1137.67004         -1137.67004         ✓           VehDyn_PinTrqSV_M_str.SV_UIs_f32         7.79365158         7.7936511± 0.000009         ✓           VehDyn_SrlHwAgVldTimer_mS_M_u32         800969984         800969984         ✓           target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value         1         1± 0.004         ✓	VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc		1	
VehDyn_Initialize_Cnt_M_lgc       1       1       ✓         VehDyn_LoSpdLearnt_Cnt_M_lgc       0       0       ✓         VehDyn_MaxOffset_HwDeg_M_f32       898.776001       898.776001       ✓         VehDyn_MinOffset_HwDeg_M_f32       -1137.67004       -1137.67004       ✓         VehDyn_PinTrqSV_M_str.SV_UIs_f32       7.79365158       7.7936511± 0.000009       ✓         VehDyn_SrlHwAgVldTimer_mS_M_u32       800969984       800969984       ✓         target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value       1       1± 0.004       ✓	VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc			
VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0         ✓           VehDyn_MaxOffset_HwDeg_M_f32         898.776001         898.776001         ✓           VehDyn_MinOffset_HwDeg_M_f32         -1137.67004         -1137.67004         ✓           VehDyn_PinTrqSV_M_str.SV_UIs_f32         7.79365158         7.7936511± 0.000009         ✓           VehDyn_SrlHwAgVldTimer_mS_M_u32         800969984         800969984         ✓           target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value         1         1± 0.004         ✓	VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32       898.776001       \$98.776001         VehDyn_MinOffset_HwDeg_M_f32       -1137.67004       -1137.67004         VehDyn_PinTrqSV_M_str.SV_UIs_f32       7.79365158       7.7936511± 0.000009         VehDyn_SrlHwAgVldTimer_mS_M_u32       800969984       800969984         target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value       1       1± 0.004	VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_MinOffset_HwDeg_M_f32       -1137.67004       -1137.67004         VehDyn_PinTrqSV_M_str.SV_UIs_f32       7.79365158       7.7936511 ± 0.000009         VehDyn_SrlHwAgVldTimer_mS_M_u32       800969984       800969984         target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value       1       1 ± 0.004	VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32       7.79365158       7.7936511 ± 0.000009         VehDyn_SrlHwAgVldTimer_mS_M_u32       800969984       800969984         target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value       1       1 ± 0.004	VehDyn_MaxOffset_HwDeg_M_f32	898.776001	898.776001	~
VehDyn_SrlHwAgVldTimer_mS_M_u32         800969984         800969984           target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value         1         1 ± 0.004	VehDyn_MinOffset_HwDeg_M_f32	-1137.67004	-1137.67004	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value 1 1 ± 0.004 ✓	VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.79365158	7.7936511 ± 0.000009	<b>✓</b>
	VehDyn_SrlHwAgVldTimer_mS_M_u32	800969984	800969984	<b>✓</b>
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value 1148.48999 ± 0.1 ✓	target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	<b>✓</b>
	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1148.48999	1148.48999 ± 0.1	<b>*</b>



Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

nElapsedTime_mS_u32(ElapsedTime)  riystemTime_mS_u32(CurrentTime)  Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)  Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)  Inst_Ap_VehDyn  Dyn_AllowHiSpdAutoCntr_Cnt_M_lgc  Dyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  Dyn_AutoCntrDetSpd_M_str.PitlPinTrq_HwNm_f32  Dyn_AutoCntrDetSpd_M_str.CtrtWindow_HwDeg_f32  Dyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  Dyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  Dyn_AutoCntrDetSpd_M_str.Timer2Tnresh_mS_u16  Dyn_AutoCntrDetSpd_M_str.Timer2Tnresh_mS_u16  Dyn_AutoCntrDetSpd_M_str.Timer2Tnresh_mS_u16  Dyn_AutoCntrDetSpd_M_str.Timer2Tnresh_mS_u16  Dyn_AutoCntrDetSpd_M_str.Timer2Tnresh_mS_u18  Dyn_AutoCntrDetSpd_M_str.Timer2Tnresh_mS_u32	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn 1 400.100006 116.099998
systemTime_mS_u32(CurrentTime)  Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)  Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)  Inst_Ap_VehDyn  Oyn_AllowHiSpdAutoCntr_Cnt_M_lgc  Oyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  Oyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  Oyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  Oyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  Oyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  Oyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  Oyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn 1 400.100006 116.099998
Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime) Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime) Inst_Ap_VehDyn Oyn_AllowHiSpdAutoCntr_Cnt_M_lgc Oyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 Oyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 Oyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 Oyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 Oyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 Oyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 Oyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 Oyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn  1  400.100006  116.099998
Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime) Inst_Ap_VehDyn Dyn_AllowHiSpdAutoCntr_Cnt_M_lgc Dyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 Dyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 Dyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 Dyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 Dyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 Dyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn 1 400.100006 116.099998
Inst_Ap_VehDyn  Dyn_AllowHiSpdAutoCntr_Cnt_M_lgc  Dyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  Dyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  Dyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  Dyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  Dyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  Dyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	target_Rte_Inst_Ap_VehDyn 1 400.100006 116.099998
Dyn_AllowHiSpdAutoCntr_Cnt_M_lgc Dyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 Dyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 Dyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 Dyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 Dyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 Dyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1 400.100006 116.099998
Dyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 Dyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 Dyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 Dyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 Dyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 Dyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	400.100006 116.099998
Dyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 Dyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 Dyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 Dyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 Dyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	116.099998
Oyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  Oyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  Oyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  Oyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  Oyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  Oyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	
Dyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 Dyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 Dyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	
Dyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 Dyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	10.1000004
Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 Dyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54.0999985
Dyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	53759
	18715
Ovn AutoCntrDetSpd M str.Timer2 mS u32	2160073393
, =, = = =	1024
Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002
Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000747999991
Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1459.40002
Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000747999991
Dyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
Dyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
Dyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
Dyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
Dyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	34
Dyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	79.099985
Dyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5
Dyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	63
Dyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	60000
Dyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	26195
Dyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2160073393
Dyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
Dyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002
Dyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000547999982
Dyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1459.40002
Dyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000877999992
Dyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
Dyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
Dyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
Dyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
Dyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	400.799988
	116.900002
Dyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	
Dyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.8000002
Dyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	54.9000015
Dyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53759
Dyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	18715
Dyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2160073393
Dyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
Dyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002
Dyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.46000013e-005
Dyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1459.40002
Dyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000747999991
Dyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
Dyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
Dyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
Dyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
Dyn_ForceCenterEnabled_Cnt_M_lgc	1
Dyn_ForceCenterOffset_HwDeg_M_f32	98.3300018
Dyn_HiSpdLearnt_Cnt_M_lgc	1

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Name	Input Value		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	613.765991		
VehDyn_MinOffset_HwDeg_M_f32	-1111.63794		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.20000005		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000371000002		
VehDyn_SLPHwAuth_Uls_M_f32	0.252000004		
VehDyn_SLPHwPos_HwDeg_M_f32	-1086.41003		
VehDyn_SrlHwAgVldTimer_mS_M_u32	2659241984		
k_HiSpdVDAuthority_UIs_f32 k_HwTqMgnThd_HwNm_f32	2.0999999		
k LoSpdVDAuthority Uls f32	1		
k SrlHwAgVldTiThd mS u32	45		
k_SysKinRatio_MtrDegpHwDeg_f32	45		
k_TravelXCDeadband_Uls_f32	71.8099976		
k_TravelXCHwAuthority_Uls_f32	0.075424999		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3524313344		
target_GetSystemTime_mS_u32_CurrentTime	1358028288		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_ElapsedTime$			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTim			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32	2	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_MotorVelCRF_MtrRar target_VehDyn_Per1_RelHwPos_HwDeg_f		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_H		
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAgVld Cnt Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mtr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_C		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f	32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1131.41003		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	909.682983		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.48999977		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1100.64001		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1459.40002		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1086.41003 5.5999999		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target VehDyn Per1 VehicleSpeed Valid_Gri_gc.value	45.3699989		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M lgc	1	1	- Nesuit
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2160073393	2160073393	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024	1024	_
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002	-1459.40002 ± 0.009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1459.40002	-1459.40002 ± 0.009	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1358028288	1358028288	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024	1024	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002	-1459.40002 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1459.40002 0	-1459.40002 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	2160073393	2160073393	-
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024	1024	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002	-1459.40002 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1459.40002	-1459.40002 ± 0.0009	-
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	-
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<u> </u>
VehDyn_MaxOffset_HwDeg_M_f32			· · · · · · · · · · · · · · · · · · ·
VehDyn MinOffset HwDea M f32	613.765991	613.765991	
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32	327.98999 3.19533825	327.98999 3.19533825 ± 0.000009	~





Name	Actual Value	Expected Value	Result
VehDyn_SrlHwAgVldTimer_mS_M_u32	2659241984	2659241984	✓
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1557.72998	-1557.72998 ± 0.1	✓

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	-

lame	Input Value
htmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
, – – ,	
tte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
tte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	600.200012
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	126.199997
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.1999998
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	85.1999969
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	14442
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000750000007
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	459.209991
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000750000007
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	2.0999999
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	199
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3.20000005
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	88.1999969
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	30000
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	43128
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000549999997
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	459.209991
'ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000880000007
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
'ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	600.900024
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	126.800003
ehbyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.8999996
ehbyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	85.8000031
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352
	14442
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	54822322
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.5000007e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	459.209991
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000750000007
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_ForceCenterEnabled_Cnt_M_lgc	1
ehDyn ForceCenterOffset HwDeg M f32	198.240005

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VehDyn_HiSpdLearnt_Cnt_M_lgc  VehDyn_Initialize_Cnt_M_lgc  VehDyn_LoSpdLearnt_Cnt_M_lgc  VehDyn_MaxOffset_HwDeg_M_f32  VehDyn_MinOffset_HwDeg_M_f32  VehDyn_PinTrqSV_M_str.SV_Uls_f32  VehDyn_PinTrqSV_M_str.K_Uls_f32  VehDyn_SLPHwAuth_Uls_M_f32  VehDyn_SLPHwPos_HwDeg_M_f32  VehDyn_SrlHwAgVldTimer_mS_M_u32  k_HiSpdVDAuthority_Uls_f32  k_SrlHwAgVldTiThd_mS_u32  k_SyskinRatio_MtrDegpHwDeg_f32  k_TravelXCDeadband_Uls_f32	0 1 0 618.757996 -1104.95398 -5.4000001 0.0037200001 0.237000003 -1076.15002 2942063360 0.670000017 3.0999999 0 65 78.3000031 73.25		
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32 VehDyn_PinTrqSV_M_str.K_Uls_f32 VehDyn_SLPHwAuth_Uls_M_f32 VehDyn_SLPHwPos_HwDeg_M_f32 VehDyn_SrlHwAgVldTimer_mS_M_u32 k_HiSpdVDAuthority_Uls_f32 k_LoSpdVDAuthority_Uls_f32 k_SrlHwAgVldTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32	0 618.757996 -1104.95398 -5.4000001 0.00037200001 0.237000003 -1076.15002 2942063360 0.670000017 3.0999999 0 65 78.3000031		
VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32 VehDyn_PinTrqSV_M_str.K_Uls_f32 VehDyn_SLPHwAuth_Uls_M_f32 VehDyn_SLPHwPos_HwDeg_M_f32 VehDyn_SrlHwAgVldTimer_mS_M_u32 k_HiSpdVDAuthority_Uls_f32 k_HwTqMgnThd_HwNm_f32 k_LoSpdVDAuthority_Uls_f32 k_SrlHwAgVldTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32	618.757996 -1104.95398 -5.4000001 0.00037200001 0.237000003 -1076.15002 2942063360 0.670000017 3.0999999 0 65 78.3000031		
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32 VehDyn_PinTrqSV_M_str.K_Uls_f32 VehDyn_SLPHwAuth_Uls_M_f32 VehDyn_SLPHwPos_HwDeg_M_f32 VehDyn_SrlHwAgVldTimer_mS_M_u32 k_HiSpdVDAuthority_Uls_f32 k_HwTqMgnThd_HwNm_f32 k_LoSpdVDAuthority_Uls_f32 k_SrlHwAgVldTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32	-1104.95398 -5.4000001 0.00037200001 0.237000003 -1076.15002 2942063360 0.670000017 3.0999999 0 65 78.3000031		
VehDyn_PinTrqSV_M_str.SV_Uls_f32 VehDyn_PinTrqSV_M_str.K_Uls_f32 VehDyn_SLPHwAuth_Uls_M_f32 VehDyn_SLPHwPos_HwDeg_M_f32 VehDyn_SrlHwAgVldTimer_mS_M_u32 k_HiSpdVDAuthority_Uls_f32 k_HwTqMgnThd_HwNm_f32 k_LoSpdVDAuthority_Uls_f32 k_SrlHwAgVldTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32	-5.4000001 0.00037200001 0.237000003 -1076.15002 2942063360 0.670000017 3.0999999 0 65 78.3000031		
VehDyn_PinTrqSV_M_str.K_Uls_32 VehDyn_SLPHwAuth_Uls_M_f32 VehDyn_SLPHwPos_HwDeg_M_f32 VehDyn_SrlHwAgVldTimer_mS_M_u32 k_HiSpdVDAuthority_Uls_f32 k_HwTqMgnThd_HwNm_f32 k_LoSpdVDAuthority_Uls_f32 k_SrlHwAgVldTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32	0.00037200001 0.237000003 -1076.15002 2942063360 0.670000017 3.0999999 0 65 78.3000031		
VehDyn_SLPHwAuth_Uls_M_f32 VehDyn_SLPHwPos_HwDeg_M_f32 VehDyn_SrlHwAgVldTimer_mS_M_u32 k_HiSpdVDAuthority_Uls_f32 k_HwTqMgnThd_HwNm_f32 k_LoSpdVDAuthority_Uls_f32 k_SrlHwAgVldTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32	0.237000003 -1076.15002 2942063360 0.670000017 3.0999999 0 65 78.3000031		
VehDyn_SLPHwPos_HwDeg_M_f32 VehDyn_SrlHwAgVldTimer_mS_M_u32 k_HiSpdVDAuthority_Uls_f32 k_HwTqMgnThd_HwNm_f32 k_LoSpdVDAuthority_Uls_f32 k_SrlHwAgVldTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32	-1076.15002 2942063360 0.670000017 3.0999999 0 65 78.3000031		
VehDyn_SrlHwAgVldTimer_mS_M_u32 k_HiSpdVDAuthority_Uls_f32 k_HwTqMgnThd_HwNm_f32 k_LoSpdVDAuthority_Uls_f32 k_SrlHwAgVldTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32	0.670000017 3.0999999 0 65 78.3000031		
k_HwTqMgnThd_HwNm_f32 k_LoSpdVDAuthority_Uls_f32 k_SrlHwAgVldTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32	3.0999999 0 65 78.3000031		
k_LoSpdVDAuthority_Uls_f32 k_SrlHwAgVldTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32	0 65 78.3000031		
k_SrlHwAgVldTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32	65 78.3000031		
k_SysKinRatio_MtrDegpHwDeg_f32	78.3000031		
k_HaveiACDeaubaliu_0is_i32	13.23		
k_TravelXCHwAuthority_Uls_f32	0.0766500011		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2108719104		
target_GetSystemTime_mS_u32_CurrentTime	123		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT	2644937728		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	2942063360		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3: target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target VehDyn Per1 SensorlessHwPos Hw		
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAgVld Cnt Igc	target VehDyn Per1 SrlHwAgVld Cnt Igc	9	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	m_f32	
$target\_Rte\_Inst\_Ap\_VehDyn\_Per1\_VehicleSpeedValid\_Cnt\_Igc$	target_VehDyn_Per1_VehicleSpeedValid_Cr	t_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1125.15002		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	920.590027		
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-9.56999969 -897.599976		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	459.209991		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1076.15002		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	456.179993		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322	54822322	<b>*</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	54822322 459.209991	54822322 459.209991 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	459.209991	459.209991 ± 0.0009	
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	123	123	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322	54822322	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991 459.209991	459.209991 ± 0.0009	· ·
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	459.209991 ± 0.0009	Ž
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	·
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	_
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	123	123	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322	54822322	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991	459.209991 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	459.209991	459.209991 ± 0.0009	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>Y</b>
VehDyn_AutoCntrl.oSpd_M_str.Filter2Enable_Cnt_lgc	1	1	· ·
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	
VehDyn_Initialize_Cnt_M_lgc	1	1	
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	·
VehDyn_MaxOffset_HwDeg_M_f32	461.380035	461.380005	~





Name	Actual Value	Expected Value	Result
VehDyn_MinOffset_HwDeg_M_f32	-1104.95398	-1104.95398	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-5.40158939	-5.40158939 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2942063360	2942063360	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	260.969971	260.970001 ± 0.1	<b>✓</b>

est Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Name Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
setSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
tte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.300003
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	136.300003
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.3000002
/ehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	96.3000031
'ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	21364
/ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	52716
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	109643620
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1001.01001
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000752000022
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1001.01001
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000752000022
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	120
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	124
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	1
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75.4000015
	12258
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	0
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
	109643620
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	1001.01001
	0.000552000012
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1001.01001
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000882000022
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	
enDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRaapS_132 /ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	200.800003 136.899994
	14.800002
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.9000015
enDyn_AutoCntrLoSpd_M_str.Cntrvvindow_HwDeg_132 ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	
, =	21364
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52716
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	109643620
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	1001.01001
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.54000001e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1001.01001
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000752000022
/ehDyn AutoCntrLoSpd M str.Filter1Enable Cnt lgc	1





Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	298.149994		
VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn LoSpdLearnt Cnt M Igc	1		
VehDyn_MaxOffset_HwDeg_M_f32	-623.75		
VehDyn MinOffset HwDeg M f32	-1098.27002		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.80000019		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000372999988		
VehDyn_SLPHwAuth_Uls_M_f32	0.222000003		
VehDyn_SLPHwPos_HwDeg_M_f32	-1065.89001		
VehDyn_SrlHwAgVldTimer_mS_M_u32	4077829376		
k_HiSpdVDAuthority_Uls_f32	0		
k_HwTqMgnThd_HwNm_f32	4.0999999		
k_LoSpdVDAuthority_UIs_f32	1		
k_SrlHwAgVldTiThd_mS_u32 k SysKinRatio MtrDegpHwDeg f32	96.5		
k TravelXCDeadband Uls f32	74.6900024		
k TravelXCHwAuthority Uls f32	0.0778750032		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2894938880		
target_GetSystemTime_mS_u32_CurrentTime	5477		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	4077829376		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	vDeg_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Ci		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1118.89001	_	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	931.497009		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.64999962		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154.339996		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1001.01001		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1065.89001		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.80000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	45.5750008	le	l= "
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1 1024	1 1024	-
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	109643620	109643620	
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1001.01001	1001.01001 ± 0.009	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1001.01001	1001.01001 ± 0.009	-
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	-
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	-
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32			_
	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 5477 109643620 1001.01001	1 5477 109643620 1001.01001 ± 0.009	7
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1 5477 109643620 1001.01001 1001.01001	1 5477 109643620 1001.01001 ± 0.009 1001.01001 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc	1 5477 109643620 1001.01001 1001.01001 0	1 5477 109643620 1001.01001 ± 0.009 1001.01001 ± 0.009 0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc	1 5477 109643620 1001.01001 1001.01001 0	1 5477 109643620 1001.01001 ± 0.009 1001.01001 ± 0.009 0	\(\frac{1}{2}\)
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	1 5477 109643620 1001.01001 1001.01001 0 1	1 5477 109643620 1001.01001 ± 0.009 1001.01001 ± 0.009 0 1	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	1 5477 109643620 1001.01001 1001.01001 0 1	1 5477 109643620 1001.01001 ± 0.009 1001.01001 ± 0.009 0 1 1	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1 5477 109643620 1001.01001 1001.01001 0 1 1 0	1 5477 109643620 1001.01001 ± 0.009 1001.01001 ± 0.009 0 1 1 0 1024	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1 5477 109643620 1001.01001 1001.01001 0 1 1 0 1024 109643620	1 5477 109643620 1001.01001 ± 0.009 1001.01001 ± 0.009 0 1 1 0 1024 109643620	***************************************
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 5477 109643620 1001.01001 1001.01001 0 1 1 0 1024 109643620 1001.01001	1 5477 109643620 1001.01001 ± 0.009 1001.01001 ± 0.009 0 1 1 0 1024 109643620 1001.01001 ± 0.009	***************************************
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1 5477 109643620 1001.01001 1001.01001 0 1 1 0 1024 109643620	1 5477 109643620 1001.01001 ± 0.009 1001.01001 ± 0.009 0 1 1 0 1024 109643620	· · · · · · · · · · · · · · · · · · ·
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32	1 5477 109643620 1001.01001 1001.01001 0 1 1 0 1024 109643620 1001.01001 1001.01001	1 5477 109643620 1001.01001 ± 0.009 1001.01001 ± 0.009 0 1 1 0 1024 109643620 1001.01001 ± 0.009 1001.01001 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1 5477 109643620 1001.01001 1001.01001 0 1 1 0 1024 109643620 1001.01001 1	1 5477   109643620   1001.01001 ± 0.009   1001.01001 ± 0.009   0   1   1   0   1024   109643620   1001.01001 ± 0.009   1001.01001 ± 0.009   1001.01001 ± 0.009   1	

2015-09-15, 13:22:52+0530



Name	Actual Value	Expected Value	Result
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	931.497009	931.497009	~
VehDyn_MinOffset_HwDeg_M_f32	-1118.89001	-1118.89001	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.7935214	7.7935214 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	4077829376	4077829376	✓
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	702.859985	702.859985 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

DimmElapsedTime, mS, u32(ElapsedTime)	Name	Input Value
SelsystemTime_mS_u32(CurrentTime)   target_CellsystemTime_mS_u32(CurrentTime)   target_Cell_Ap_vehDyn_SystemTime_DimmcEapsedTime_mS_u32(CurrentTime)   target_Rel_Call_Ap_vehDyn_SystemTime_DimmcEapsedTime_mS_u32(CurrentTime)   target_Rel_Call_Ap_vehDyn_SystemTime_GelSystemTime_mS_u32_CurrentTime   target_Rel_Call_Ap_vehDyn_SystemTime_SystemTime_MS_u32_CurrentTime   target_Rel_Call_Ap_vehDyn_SystemTime_SystemTime_MS_u32_CurrentTime   target_Rel_Call_Ap_vehDyn_SystemTime_MS_u32_CurrentTime_MS_u32_CurrentTime_MS_u32_CurrentTime_MS_u32_CurrentTime_MS_u32_CurrentTime_MS_u32_CurrentTime_MS_u32_CurrentTime_MS_u32_CurrentTime_MS_u32_CurrentTime_MS_u32_CurrentTime_MS_u32_CurrentTime_MS_u32_CurrentTime_MS_u32_CurrentTime_MS_u32_CurrentTime_MS_u32_CurrentTime_MS_u32_CurrentTime_MS_u32_CurrentTime_MS_u32_CurrentTime_MS_u3		•
Nac Call Jan, VehDyn, SystemTime, DemnElapsedTime, mS, u32(ElapsedTime)         tasepc. Rel. Call. Ap, VehDyn, SystemTime, Cell SystemTime, mS, u32(CurrentTime)         target_Rel. Call. Ap, VehDyn, SystemTime, GetSystemTime, mS, u32(CurrentTime)           tate, Inn. Lap, VehDyn, SystemTime, Cell M, Igo         1         457.100006           VehDyn, AudoChtDelSpd, M, Str. Wirvel, MirRadpS, IS2         457.100006         457.100006           VehDyn, AudoChtDelSpd, M, Str. PimTry L, HwMn         IS2         16.1000004           VehDyn, AudoChtDelSpd, M, Str. TimerTThresh_mS, u16         33198           VehDyn, AudoChtDelSpd, M, Str. TimerTThresh_mS, u16         3778           VehDyn, AudoChtDelSpd, M, Str. TimerTThresh_mS, u16         7778           VehDyn, AudoChtDelSpd, M, Str. RelmWeDsiHISS V, HwDeg, str. X, Uis, IS2         4200007225           VehDyn, AudoChtDelSpd, M, Str. RelmWeDsiHISS V, HwDeg, str. X, Uis, IS2         164446918           VehDyn, AudoChtDelSpd, M, Str. RelmWeDsiHISS V, HwDeg, str. X, Uis, IS2         10000753999979           VehDyn, AudoChtDelSpd, M, Str. RelmWeDsiHISS V, HwDeg, str. X, Uis, IS2         10000753999979           VehDyn, AudoChtDelSpd, M, Str. RelmWeDsiHISS V, HwDeg, str. X, Uis, IS2         11           VehDyn, AudoChtDelSpd, M, Str. RelmWeDsiHISS V, Wolley, str. X, Uis, IS2         10           VehDyn, AudoChtDelSpd, M, Str. RelmWeDsiHISS V, Moley, str. X, Uis, IS2         10           VehDyn, AudoChtDelSpd, M, Str. RelmWeDsiHISS V,		
Ris. Call AD, VehDyn. SystemTrime_GetSystemTrime_ms_u32(CurrenTrime)         target_Ret_Call_D, VehDyn. SystemTrime_GetSystemTrime_ms_u32_CurrenTrime           VehDyn. AutoCntrDetSpd. Ms. 1xt MirVel_MirRadps_f32         457.100006           VehDyn. AutoCntrDetSpd. Ms. 1xt MirVel_MirRadps_f32         457.100006           VehDyn. AutoCntrDetSpd. Ms. 1xt FillerInTra_Hwhm_f32         16.1000004           VehDyn. AutoCntrDetSpd. Ms. 1xt Timer1Trivesh_ms_u16         33198           VehDyn. AutoCntrDetSpd. Ms. 1xt Timer1Trivesh_ms_u16         7778           VehDyn. AutoCntrDetSpd. Ms. 1xt Timer1 ms_u32         4209067295           VehDyn. AutoCntrDetSpd. Ms. 1xt Timer1 ms_u32         4209067295           VehDyn. AutoCntrDetSpd. Ms. 1xt Timer1 ms_u32         164464918           VehDyn. AutoCntrDetSpd. Ms. 1xt RelitwPosititSV_HwDeg_str. V_Uls_f32         151220004           VehDyn. AutoCntrDetSpd. Ms. 1xt RelitwPosititSV_HwDeg_str. V_Uls_f32         131220004           VehDyn. AutoCntrDetSpd. Ms. 1xt RelitwPosititSV_HwDeg_str. V_Uls_f32         10000753999979           VehDyn. AutoCntrDetSpd. Ms. 1xt Filler1IntBialzed_Cnt. Ugo         1           VehDyn. AutoCntrDetSpd. Ms. 1xt Filler2IntBialzed_Cnt. Ugo         0           VehDyn. AutoCntrDetSpd. Ms. 1xt Filler2IntBialzed_Cnt. Ugo         0           VehDyn. AutoCntrHiSpd. Ms. 1xt Filler2IntBialzed_Cnt. Ugo         0           VehDyn. AutoCntrHiSpd. Ms. 1xt Filler2IntBialzed_Cnt. Ugo	· · · · · · · · · · · · · · · · · ·	
Ize_Inst AD_VehDyn         target_Rte_Inst_AD_VehDyn           viehDyn_AutoChrtDetSpd_M_st_MrVet_MirRadpS_f32         457.100006           viehDyn_AutoChrtDetSpd_M_st_MrVet_MirRadpS_f32         457.100006           viehDyn_AutoChrtDetSpd_M_st_TimerTimerTimerTimerTimerTimerTimerTimer		
reinbyn_AutoCntrDetSpd_M_str Nurve_MrRadpS_f32		
dentyn AutoCnirDetSpd M, str. Wirke   MirtRadipS, 32   dentyn AutoCnirDetSpd M, str. VehSpd   dentyn		
Hebyn_AutoCntrDetSpd_M_str_KehSpd_kph_f22	7 - 7	
enbym_AutoCntribetSpd_M_str_FiltPinTrq_Hwh/m_f32   16.1000004		
SeeDyn_AutoCntrDelSpd_M_str.CntrWindow_HwDeg_132   32,099985	, - , , -, -	
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16         33198           ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16         7778           ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         4290967295           ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         164464018           ehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.K_UIs_f32         -1312.29004           ehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.K_UIs_f32         -1312.29004           ehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.K_UIs_f32         -1312.29004           ehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.K_UIs_f32         -1312.29004           ehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.K_UIS_f32         1           ehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.K_UIS_f32         1           ehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.K_UIS_f32         0           ehDyn_AutoCntrHiSpd_M_str.RelHwPosFittSV_HwDeg_str.K_UIS_f32         350           ehDyn_AutoCntrHiSpd_M_str.RelHwPosFittSV_HwDeg_f32         350           ehDyn_AutoCntrHiSpd_M_str.FittPoinTrq_HwNm_f32         220000005           ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         4290967295           ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         4290967295           ehDyn_AutoCntrHiSpd_M_str.RelHwPosFittSV_HwDeg_str.K_UIS_f32         -1312.29004           ehDyn_AutoCntrHiSpd_M_str.RelHwPosFittSV_HwDeg_str.K_UIS_f32		
ehDyn_AutoCntrDelSpd_M_str.Timer1_mS_u32 4290967295 ehDyn_AutoCntrDelSpd_M_str.Timer2_mS_u32 4290967295 ehDyn_AutoCntrDelSpd_M_str.Timer2_mS_u32 4290967295 ehDyn_AutoCntrDelSpd_M_str.Timer2_mS_u32 4290967295 ehDyn_AutoCntrDelSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -1312.29004 ehDyn_AutoCntrDelSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 -1312.29004 ehDyn_AutoCntrDelSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 -1312.29004 ehDyn_AutoCntrDelSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 -1312.29004 ehDyn_AutoCntrDelSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 -1312.29004 ehDyn_AutoCntrDelSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 -1312.29004 ehDyn_AutoCntrDelSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 -10000763999979 ehDyn_AutoCntrDelSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 -10000763999979 ehDyn_AutoCntrHSpd_M_str.RelHwPosFilt3SV_HwDeg_str.K_UIs_f32 -100000763999979 ehDyn_AutoCntrHSpd_M_str.RelHwPosFilt3SV_HwDeg_str.K_UIs_f32 -10000005 ehDyn_AutoCntrHSpd_M_str.RelHwPosFilt3SV_HwDeg_str.K_UIs_f32 -130000005 ehDyn_AutoCntrHSpd_M_str.RelHwPosFilt3SV_HwDeg_str.K_UIs_f32 -1312.29004 ehDyn_AutoCntrHSpd_M_str.Timer2Thresh_mS_u16 -100000000000000000000000000000000000		
ehDyn_AutoCntrDelSpd_M_str.Timer1_mS_u32 ehDyn_AutoCntrDelSpd_M_str.Timer2_mS_u32 ehDyn_AutoCntrDelSpd_M_str.Timer2_mS_u32 ehDyn_AutoCntrDelSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV_Uls_f32 ehDyn_AutoCntrDelSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV_Uls_f32 ehDyn_AutoCntrDelSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV_Uls_f32 ehDyn_AutoCntrDelSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV_Uls_f32 ehDyn_AutoCntrDelSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV_Uls_f32 ehDyn_AutoCntrDelSpd_M_str.Filler1Enable_Cnt_lgc ehDyn_AutoCntrDelSpd_M_str.Filler1Inibialized_Cnt_lgc ehDyn_AutoCntrDelSpd_M_str.Filler1Inibialized_Cnt_lgc ehDyn_AutoCntrDelSpd_M_str.Filler2Inibialized_Cnt_lgc ehDyn_AutoCntrHiSpd_M_str.Filler2Inibialized_Str.Su_str		
ehDyn_AutoCntrDelSpd_M_str.Timer2_mS_u32         164464918           ehDyn_AutoCntrDelSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32         -1312.20004           ehDyn_AutoCntrDelSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         -1312.20004           ehDyn_AutoCntrDelSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         -1312.20004           ehDyn_AutoCntrDelSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         0.000753999979           ehDyn_AutoCntrDelSpd_M_str.Filter1Enable_Cn_Ulgc         1           ehDyn_AutoCntrDelSpd_M_str.Filter1Enable_Cn_Ulgc         0           ehDyn_AutoCntrDelSpd_M_str.Filter2Initialized_Cn_Ulgc         0           ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cn_Ulgc         0           ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cn_Ulgc         0           ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cn_Ulgc         0           ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cn_Ulgc         0           ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_132         220000005           ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         26195           ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16         26195           ehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_Uls_f32         164464918           ehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.K_Uls_f32         0.000554000027           ehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_Uls_f32		
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFitItSV_HwDeg_str.K_Uls_f32		
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc ehDyn_AutoCntrHiSpd_M_str.Vet_MrradpS_f32 ehDyn_AutoCntrHiSpd_M_str.Vet_MrradpS_f32 ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt3SV_HwDeg_str.SV_Uls_f32 ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt3SV_HwDeg_str.SV_Uls_f32 ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt3SV_HwDeg_str.SV_Uls_f32 ehDy		
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFitI2SV_HwDeg_str.SV_Uls_f32		
ehDyn_AutoCntrDetSpd_M_str.ReiHwPosFitt2SV_HwDeg_str.K_UIs_f32		
Entlym_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc		
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc		
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc		
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 ehDyn_AutoCntrHiSpd_M_str.Filter1Thresh_mS_u16 ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u21 ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc ehDyn_AutoCntrLoSpd_M_str.Filter3Initialized_Cnt_lgc ehDyn_AutoCntrLoSpd_M_str.Filter3Initialized_Cnt_lgc ehDyn_AutoCntrLoSpd_M_str.Filter3Initialized_Cnt_lgc ehDyn_AutoCntrLoSpd_M_str.Filter3Initialized_Cnt_lgc ehDyn_AutoCntrLoSpd_M_str.Filter3Initialized_Cnt_lgc ehDyn_AutoCntrLoSpd_M_str.Filter3Initialized_Cnt_lgc ehDyn_AutoCntrLoSpd_M_str.Filter3Initialized_Cnt_lgc ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 ehDyn_AutoCntrLoSpd_M_str.Timer3_mS_u32 ehDyn_AutoCntrLoSpd_M_str.Timer3_mS_u32 ehDyn_AutoCntrLoSpd_M_str.Timer3_mS_u32 ehDyn_AutoCntrLoSpd_M_str.Timer3_mS_u32 ehDyn_AutoCntrLoSpd_M_str.Timer3_mS_u32 ehDyn_AutoCntrLoSpd_M_str.Timer3_mS_u32 ehDyn_Aut		
ehDyn_AutoCntrHiSpd_M_str.NtrVel_MtrRadpS_f32		
enDyn_AutoCntrHiSpd_M_str.FillFinTrq_HwNm_f32		
2.20000005   2.200000005   2.200000005   2.200000005   2.200000005   2.200000005   2.200000005   2.200000005   2.200000005   2.200000005   2.200000005   2.200000005   2.20000000000000000000000000000000000		
PehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	, - , , - , - , - , - , - , - , - ,	
PehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16		
dehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16         60000           dehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         4290967295           dehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         164464918           dehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -1312.29004           dehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         0.000554000027           dehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -1312.29004           dehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         0.000883999979           dehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           dehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0           dehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0           dehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           dehDyn_AutoCntrLoSpd_M_str.WehSpd_kph_f32         457.600006           dehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNn_f32         146.100006           dehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNn_f32         16.6000004           dehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         33198           dehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         7778           dehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u32         4290967295           dehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         4290967295           dehDy	, - ,	
dehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32		
fehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32164464918fehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32-1312.29004fehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f320.000554000027fehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32-1312.29004fehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f320.000883999979fehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc0fehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc0fehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc0fehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc1fehDyn_AutoCntrLoSpd_M_str.Wtvel_MtrRadpS_f32457.600006fehDyn_AutoCntrLoSpd_M_str.Wtvel_MtrRadpS_f32146.100006fehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f3216.6000004fehDyn_AutoCntrLoSpd_M_str.Cimer1Thresh_mS_u1633198fehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u167778fehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u167778fehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u324290967295fehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32164464918fehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32-1312.29004		
AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32   .1312.29004		
gehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32       0.000554000027         gehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32       -1312.29004         gehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32       0.000883999979         gehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc       0         gehDyn_AutoCntrHiSpd_M_str.Fiiter2Enable_Cnt_lgc       0         gehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc       0         gehDyn_AutoCntrLiSpd_M_str.Fiiter2Initialized_Cnt_lgc       1         gehDyn_AutoCntrLoSpd_M_str.MitVel_MtrRadpS_f32       457.600006         gehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32       146.100006         gehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32       16.6000004         gehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32       32.0999985         gehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       33198         gehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       7778         gehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       4290967295         gehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       164464918         gehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32       -1312.29004		
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -1312.29004 ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.00088399979 ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0 ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 ehDyn_AutoCntrLoSpd_M_str.WtrVel_MtrRadpS_f32 457.600006 ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 146.100006 ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 16.6000004 ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 32.0999985 ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 33198 ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 7778 ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 4290967295 ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 164464918 ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -1312.29004		
gehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32       0.000883999979         gehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc       0         gehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc       0         gehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc       0         gehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc       1         gehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32       457.600006         gehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32       146.100006         gehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32       16.6000004         gehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32       32.0999985         gehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       33198         gehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       7778         gehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       4290967295         gehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       164464918         gehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32       -1312.29004		
CehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc		
gehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc       0         gehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc       0         gehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc       1         gehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32       457.600006         gehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32       146.100006         gehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32       16.6000004         gehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32       32.0999985         gehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       33198         gehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       7778         gehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       4290967295         gehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       164464918         gehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32       -1312.29004		
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc       0         ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc       1         ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32       457.600006         ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32       146.100006         ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32       16.6000004         ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32       32.0999985         ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       33198         ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       7778         ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       4290967295         ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       164464918         ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32       -1312.29004		
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc       1         ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32       457.600006         ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32       146.100006         ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32       16.6000004         ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32       32.0999985         ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       33198         ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       7778         ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       4290967295         ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       164464918         ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32       -1312.29004		
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32       457.600006         ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32       146.100006         ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32       16.6000004         ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32       32.0999985         ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       33198         ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       7778         ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       4290967295         ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       164464918         ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32       -1312.29004		·
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32       146.100006         ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32       16.6000004         ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32       32.0999985         ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       33198         ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       7778         ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       4290967295         ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       164464918         ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32       -1312.29004		
fehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32       16.6000004         fehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32       32.0999985         fehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       33198         fehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       7778         fehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       4290967295         fehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       164464918         fehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32       -1312.29004		
dehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32       32.0999985         dehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       33198         dehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       7778         dehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       4290967295         dehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       164464918         dehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32       -1312.29004		
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       33198         ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       7778         ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       4290967295         ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       164464918         ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32       -1312.29004	· - · ·	
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       7778         ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       4290967295         ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       164464918         ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32       -1312.29004		
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 4290967295 ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 164464918 ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -1312.29004		
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 164464918 -1312.29004		
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -1312.29004	, =	
7	, - ,	
, - ,	/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.57999995e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1312.29004 /ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000753999979	· - ·	

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	398.059998		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	628.742004		
VehDyn_MinOffset_HwDeg_M_f32	-1091.58606		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.20000005		
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.000373999996		
VehDyn_SLPHwAuth_Uls_M_f32	0.207000002 -1055.63		
VehDyn_SLPHwPos_HwDeg_M_f32	1117112832		
VehDyn_SrlHwAgVldTimer_mS_M_u32 k_HiSpdVDAuthority_Uls_f32	1		
k_HwTqMgnThd_HwNm_f32	5.0999999		
k LoSpdVDAuthority Uls f32	0		
k_SrlHwAgVldTiThd_mS_u32	1385		
k_SysKinRatio_MtrDegpHwDeg_f32	32		
k TravelXCDeadband Uls f32	76.1299973		
k_TraveIXCHwAuthority_UIs_f32	0.0790999979		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2059598336		
target_GetSystemTime_mS_u32_CurrentTime	89		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT	2059598336		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	1117112832		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	lls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	m_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr	nt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1112.63		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	942.403992		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.72999954		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.900024		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1312.29004		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1055.63		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	3.20000005 0		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	75.9100037		
		Funcated Value	Daniel
Name	Actual Value	Expected Value	Resul
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1	1 4290967295	
, =	4290967295		
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	164464918	164464918	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1312.29004 -1312.29004	-1312.29004 ± 0.009 -1312.29004 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Imitialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	89	89	
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	164464918	164464918	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1312.29004	-1312.29004 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1312.29004	-1312.29004 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	89	89	
VehDun AutoCottl oSpd M etr Timer2 ms u32	164464018	164464018	

164464918

-1312.29004

-1312.29004

0

164464918

0

-1312.29004 ± 0.009

-1312.29004 ± 0.009

VehDyn\_AutoCntrLoSpd\_M\_str.Filter1Enable\_Cnt\_lgc

VehDyn\_AutoCntrLoSpd\_M\_str.Timer2\_mS\_u32

VehDyn\_AutoCntrLoSpd\_M\_str.RelHwPosFilt1SV\_HwDeg\_str.SV\_Uls\_f32

VehDyn\_AutoCntrLoSpd\_M\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	942.403992	942.403992	~
VehDyn_MinOffset_HwDeg_M_f32	-1112.63	-1112.63	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	3.19520164	3.19520164 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1117112832	1117112832	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	•

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ame	Input Value
trmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
etSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
te_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
te_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	498.799988
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156.800003
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	3.79999995
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.7999992
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21335
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	34188
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1078320779
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	219286216
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1089.29004
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000755999994
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1089.29004
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000755999994
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	400.200012
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	64
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.4000015
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	43128
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	30000
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1078320779
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	219286216
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1089.29004
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000555999984
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1089.29004
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000885999994
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0
ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	498.100006
ehDyn AutoCntrLoSpd M str.VehSpd kph f32	156.600006
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.0999999
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.599985
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21335
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	34188
ehDyn AutoCntrLoSpd M str.Timer1 mS u32	1078320779
ehDyn AutoCntrLoSpd M str.Timer2 mS u32	219286216

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1089.29004		
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	4.61999989e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1089.29004		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000755999994		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	497.970001		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	633.734009		
VehDyn_MinOffset_HwDeg_M_f32	-1084.90198		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.4000001		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000375000003		
VehDyn_SLPHwAuth_Uls_M_f32	0.192000002		
VehDyn_SLPHwPos_HwDeg_M_f32	-1045.37		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1736795392		
k HiSpdVDAuthority UIs f32	0.170000002		
k HwTqMgnThd HwNm f32	6.0999999		
k_LoSpdVDAuthority_UIs_f32	744		
k_SrlHwAgVldTiThd_mS_u32	744		
k_SysKinRatio_MtrDegpHwDeg_f32	52.2999992		
k_TravelXCDeadband_Uls_f32	77.5699997		
k_TravelXCHwAuthority_Uls_f32	0.080325		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	800969984		
target_GetSystemTime_mS_u32_CurrentTime	4178051584		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_ElapsedTim$	800969984		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u30\_CurrentTime_ms_u30\_CurrentTime_ms_u30\_CurrentTime_ms_u30\_CurrentTime_ms_u30\_CurrentTime_ms_u30\_CurrentTime_ms_u30\_CurrentTime_ms_u30\_CurrentTime_ms_u30\_CurrentTime_ms_u30\_CurrentTime_ms_u30\_CurrentTim$	1736795392		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	2	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_L	Jls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	/Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAg HwDeg f32	target VehDyn Per1 SrlHwAg HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target VehDyn Per1 TorqueCmdCRF MtrN	lm f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr	<del>-</del>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3		
target VehDyn Per1 CcwEOT HwDeg f32.value	-1106.37	_	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	953.310974		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.81000042		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-897.599976		
target VehDyn Per1 RelHwPos HwDeg f32.value	1089.29004		
· - · · -			
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1045.37		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.4000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	159.820007		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1078320779	1078320779	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	219286216	219286216	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1089.29004	1089.29004 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1089.29004	1089.29004 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	-
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4178051584	4178051584	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	219286216	219286216	
	1089.29004		~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDog_str.SV_Uls_f32		1089.29004 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1089.29004	1089.29004 ± 0.009	-
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>V</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>V</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>V</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	_
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1078320779	1078320779	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	219286216	219286216	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1089.29004	1089.29004 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1089.29004	1089.29004 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	-
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	-135.979065	-135.979004	~
VehDyn_MinOffset_HwDeg_M_f32	-1084.90198	-1084.90198	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-5.40169239	-5.40169239 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1736795392	1736795392	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	591.320068	591.320007 ± 0.1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	-
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	•

lame	Input Value
htmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
SetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
tte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime
tte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
tte Inst Ap VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
ehbyn_Ailownisparatiochti_cit_M_igc  ehbyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	539.299988
ehDyn_AutoCntrDetSpd_wi_str.VehSpd_kph_f32	166.300003
	5.30000019
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	41.2999992
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	1111
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	12258
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36416
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2160073393
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	274107514
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1503.19995
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000758000009
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1503.19995
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000758000009
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	600
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	52.2000008
ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	6.0999999
ehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	42
ehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	49475
ehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	38708
ehDyn AutoCntrHiSpd M str.Timer1 mS u32	2160073393
ehDyn AutoCntrHiSpd M str.Timer2 mS u32	274107514
ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1600
ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000558
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1503.19995
ehDyn_AutoCntrHiSpd_M_str.NeiHwr osi lit25V_HwDeg_str.5V_Ois_i32	0.0088800001
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
· - · ·	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	-
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	539.599976
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	166.100006
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	5.5999999
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.0999985
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	12258
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36416

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2160073393		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	274107514		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1503.19995		
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	4.65999983e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1503.19995		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000758000009		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	597.880005		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn Initialize Cnt M Igc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn MaxOffset HwDeg M f32	638.726013		
VehDyn_MinOffset_HwDeg_M_f32	-1078.21802		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.5999999		
VehDyn PinTrqSV M str.K Uls f32	0.000376000011		
VehDyn_SLPHwAuth_Uls_M_f32	0.177000001		
VehDyn_SLPHwPos_HwDeg_M_f32	-1035.10999		
VehDyn_SrlHwAgVldTimer_mS_M_u32	3437401088		
k_HiSpdVDAuthority_UIs_f32	1		
k_HwTqMgnThd_HwNm_f32	7.0999999		
k_LoSpdVDAuthority_Uls_f32	0.00899999961		
k_SrlHwAgVldTiThd_mS_u32	700		
k_SysKinRatio_MtrDegpHwDeg_f32	10.5		
k TravelXCDeadband Uls f32	79.0100021		
k_TravelXCHwAuthority_Uls_f32	0.0815500021		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	569984000		
target GetSystemTime mS u32 CurrentTime	4077829376		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3:	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	lls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	/Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	-	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target VehDyn Per1 SrlHwAg HwDeg f32		
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target VehDyn Per1 TorqueCmdCRF MtrN	m f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cr	_	
	target_VehDyn_Per1_VehicleSpeed_Kph_f3:		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32		2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1100.10999		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	964.218018		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.89000034		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.700012		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1503.19995		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1035.10999		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	357.25		
Name	Actual Value	Expected Value	Result
		•	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	_
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2160073393	2160073393	<b>*</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	274107514	274107514	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1503.19995	-1503.19995 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1503.19995	-1503.19995 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	-
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4077829376	4077829376	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	274107514	274107514	
			-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1503.19995	-1503.19995 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
venbyn_/tateenarnopa_ivi_str.i itterzimitalizea_ent_ige			



Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4077829376	4077829376	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	274107514	274107514	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1503.19995	-1503.19995 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1503.19995	-1503.19995 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	638.726013	638.726013	~
VehDyn_MinOffset_HwDeg_M_f32	403.089966	403.089996	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.59369564	7.59369612 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	3437401088	3437401088	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.00899999961	0.00899999961 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0	0 ± 0.1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Name	Input Value
	•
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	34.2000008
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	126.199997
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.1999998
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	85.1999969
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	14442
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1341.30005
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000812000013
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1341.30005
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000812000013
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86.0999985
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	123
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.1999998
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	42.2000008
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2760420809
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000600000028
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1341.30005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000192000007
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	34
/ehDyn AutoCntrLoSpd M str.VehSpd kph f32	126.599998

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.3999996		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.1999969		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	33198		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	7778		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420809		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1341.30005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.74000005e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1341.30005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000812000013		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	98.3300018		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	773.51001		
VehDyn_MaxOffset_HwDeg_M_f32	-897.75		
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	-897.75 -1.60000002		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000403000013		
VehDyn SLPHwAuth Uls M f32	0.284000009		
VehDyn SLPHwPos HwDeg M f32	-758.090027		
VehDyn SrlHwAgVldTimer mS M u32	1316564736		
k HiSpdVDAuthority Uls f32	0		
k HwTqMgnThd HwNm f32	1.5		
k_LoSpdVDAuthority_Uls_f32	1		
k_SrlHwAgVldTiThd_mS_u32	703		
k SysKinRatio MtrDegpHwDeg f32	10.1000004		
k TravelXCDeadband Uls f32	85.7799988		
k TravelXCHwAuthority Uls f32	0.114624999		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1050692864		
target_GetSystemTime_mS_u32_CurrentTime	2942063360		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_Elapse			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTir			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f3:	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target Rte Inst Ap VehDyn.VehDyn Per1 HwTorque HwNm f32	target VehDyn Per1 HwTorque HwNm f3		
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32	target_VehDyn_Per1_MotorVelCRF_MtrRa		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_		
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessHwPos HwDeg f32	target_VehDyn_Per1_SensorlessHwPos_H		
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAgVld Cnt Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mtr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_0		
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kph f		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-931.090027		
target VehDyn Per1 CwEOT HwDeg f32.value	1258.70703		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	2.2000005		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154.399994		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1341.30005		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-758.090027		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999		
target VehDyn Per1 VehicleSpeedValid Cnt lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	245.070007		
Name	Actual Value	Expected Value	Resul
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	Resu
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2942063360	2942063360	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733	3382212733	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1341.30005	1341.30005 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1341.30005	1341.30005 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
	2760420809	2760420809	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32		3382212733	
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3382212733 1600	3382212733 1600 ± 0.009	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1341.30005	1341.30005 ± 0.009	
VOIDYII MUUUHII IIOPU IVI SII.REIMWEUSEIILOV MWDEG SII.OV UIS 132	1.041.0000	1041.00000 I 0.000	

1341.30005

 $VehDyn\_AutoCntrHiSpd\_M\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32$ 

1341.30005 ± 0.009



Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733	3382212733	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1341.30005	1341.30005 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1341.30005	1341.30005 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	-
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	-82.5930176	-82.5930023	-
VehDyn_MinOffset_HwDeg_M_f32	-897.75	-897.75	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.59865212	-1.59865212 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1316564736	1316564736	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1242.97009	1242.96997 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	-

Nama	Innut Value
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	498.100006
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	206.100006
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	3.0999999
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	97.0999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	30404
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	30349
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000828000018
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000828000018
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	400.200012
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	18
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	12
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
/ehDyn AutoCntrHiSpd M str.Timer1 mS u32	1024
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	0
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000615999976
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	0
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000224000003
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0

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VehDyn\_Per1



Name	Input Value			
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	498.399994	498.399994		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	166.100006			
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	19.2999992			
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	25.3999996			
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	60000			
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3277 1024			
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.05999994e-005			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000828000018			
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1			
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0			
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0			
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1			
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1			
VehDyn_ForceCenterOffset_HwDeg_M_f32	897.609985			
VehDyn_HiSpdLearnt_Cnt_M_lgc	1			
VehDyn_Initialize_Cnt_M_lgc	1			
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn MaxOffset HwDeg M f32	1 813.445984			
VehDyn_MinOffset_HwDeg_M_f32	-844.278015			
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.5			
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000410999986			
VehDyn SLPHwAuth Uls M f32	0.419999987			
VehDyn SLPHwPos HwDeg M f32	-676.01001			
VehDyn_SrlHwAgVldTimer_mS_M_u32	954802432			
k_HiSpdVDAuthority_Uls_f32	0			
k_HwTqMgnThd_HwNm_f32	2.0999999			
k_LoSpdVDAuthority_Uls_f32	1			
k_SrlHwAgVldTiThd_mS_u32	456			
k_SysKinRatio_MtrDegpHwDeg_f32	52.5			
k_TravelXCDeadband_Uls_f32	77.5400009			
k_TravelXCHwAuthority_Uls_f32	0.124425001			
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4164171008			
target_GetSystemTime_mS_u32_CurrentTime	2127166208			
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTtarget_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime				
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f3	2		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target VehDyn Per1 HwTorque HwNm f			
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32	target_VehDyn_Per1_MotorVelCRF_MtrRa			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_	Uls_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_H	lwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f3	2		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mtr	Nm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_0			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_	<b>532</b>		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-881.01001			
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1345.96301			
target_VehDyn_Per1_HwTorque_HwNm_f32.value	3.7999995			
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	88.8000031 0			
target VehDyn Per1 SrlHwAgVld Cnt Igc.value	1			
target VehDyn Per1 SrlHwAg HwDeg f32.value	-676.01001			
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.80000019			
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1			
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	45.4099998			
Name	Actual Value	Expected Value	Resu	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2127166208	2127166208		
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295	4290967295		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	•	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0		
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1		
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024	1024		
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	4290967295	4290967295		

4290967295

4290967295



Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024	1024	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295	4290967295	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	✓
VehDyn_MaxOffset_HwDeg_M_f32	813.445984	813.445984	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-844.278015	-844.278015	✓
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.50100636	1.50100636 ± 0.000009	✓
VehDyn_SrlHwAgVldTimer_mS_M_u32	954802432	954802432	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	<b>✓</b>
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-897.609985	-897.609985 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	<b>~</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.61 (Repeat Count = 1)	
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	662.900024
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	196.899994
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	5.9000001
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.9000015
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43190
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3186
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4290967295
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1385.40002
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000763999997
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1385.40002
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000763999997
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	498.200012
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	88
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.1000004
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.4000015
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	13352
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	14442
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4290967295
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	448.5
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000563999987
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1385.40002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000893999997
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	1

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VehDyn\_Per1



Name	Input Value			
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1			
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0	0		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	662.400024			
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	196.5			
VehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	5.4000001			
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	75.5			
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43190			
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3186			
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4290967295			
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1385.40002			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.78000002e-005			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1385.40002			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000763999997			
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1			
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0			
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0			
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1			
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0			
VehDyn_ForceCenterOffset_HwDeg_M_f32	897.609985			
VehDyn_HiSpdLearnt_Cnt_M_lgc	1			
VehDyn_Initialize_Cnt_M_lgc	1			
VehDyn_LoSpdLearnt_Cnt_M_lgc	1			
VehDyn_MaxOffset_HwDeg_M_f32	653.702026			
VehDyn MinOffset HwDeg M f32	-1058.16602			
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.8000002			
	0.000379000005			
VehDyn_PinTrqSV_M_str.K_UIs_f32				
VehDyn_SLPHwAuth_Uls_M_f32	0.131999999			
VehDyn_SLPHwPos_HwDeg_M_f32	-1004.33002			
VehDyn_SrlHwAgVldTimer_mS_M_u32	1759885568			
k_HiSpdVDAuthority_Uls_f32	0			
k_HwTqMgnThd_HwNm_f32	0.119999997			
k_LoSpdVDAuthority_Uls_f32	0.467000008			
k_SrlHwAgVldTiThd_mS_u32	703			
k_SysKinRatio_MtrDegpHwDeg_f32	56.2999992			
k_TravelXCDeadband_Uls_f32	83.3300018			
k_TravelXCHwAuthority_Uls_f32	0.085225001			
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1975593216			
target_GetSystemTime_mS_u32_CurrentTime	2059598336			
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u332_E	1117112832			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime				
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32			
target Rte Inst Ap VehDyn.VehDyn Per1 HwTorque HwNm f32	target VehDyn Per1 HwTorque HwNm f3:	2		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRac			
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos HwDeg f3			
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target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_I			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	vDeg_lo2		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_C			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	32		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1081.32996			
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	996.939026			
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-5.15999985			
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1023.09998			
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1385.40002			
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1			
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1004.33002			
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999			
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1			
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	369.100006			
		Expected Value	Da	
Name	Actual Value	Expected Value	Result	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4290967295	4290967295	-	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886	2138628886	~	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1385.40002	-1385.40002 ± 0.009	-	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1385.40002	-1385.40002 ± 0.009		
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•	
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt lgc	1	1		

 $VehDyn\_AutoCntrDetSpd\_M\_str.Filter2Initialized\_Cnt\_lgc$ 

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2059598336	2059598336	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886	2138628886	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	448.5	448.5 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1385.40002	-1385.40002 ± 0.009	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4290967295	4290967295	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886	2138628886	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1385.40002	-1385.40002 ± 0.009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1385.40002	-1385.40002 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	653.702026	653.702026	~
VehDyn_MinOffset_HwDeg_M_f32	304.070068	304.070007	•
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.7963152	-14.7963152 ± 0.00009	•
VehDyn_SrlHwAgVldTimer_mS_M_u32	1759885568	1759885568	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.131999999	0.131999999 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	•

Test Step 2.62 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1.
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	124.099998
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	206.100006
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	3.0999999
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	97.0999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	30404
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	30349
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1078320779
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892860
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1036.69995
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000766000012
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1036.69995
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000766000012
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	539
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	76.0999985
/ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	18
/ehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	96
/ehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	21364
/ehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	52716
/ehDyn AutoCntrHiSpd M str.Timer1 mS u32	1078320779
/ehDyn AutoCntrHiSpd M str.Timer2 mS u32	2345892860
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-157.490005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000566000002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1036.69995
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000896000012

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Name	Input Value		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	124.5		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	206.399994		
	3.5		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32			
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	97.4000015		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	30404		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	30349		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1078320779		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892860		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1036.69995		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.81999996e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1036.69995		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000766000012		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn ForceCenterEnabled Cnt M Igc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	997.52002		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn Initialize Cnt M Igc	1		
7	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc			
VehDyn_MaxOffset_HwDeg_M_f32	658.69397		
VehDyn_MinOffset_HwDeg_M_f32	-1051.48206		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7999992		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000380000012		
VehDyn_SLPHwAuth_Uls_M_f32	0.116999999		
VehDyn_SLPHwPos_HwDeg_M_f32	-994.070007		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1662097408		
k_HiSpdVDAuthority_Uls_f32	1		
k_HwTqMgnThd_HwNm_f32	5.44999981		
k_LoSpdVDAuthority_Uls_f32	0.870000005		
k_SrlHwAgVldTiThd_mS_u32	9000		
k_SysKinRatio_MtrDegpHwDeg_f32	54.5		
k_TravelXCDeadband_Uls_f32	84.7699966		
k_TravelXCHwAuthority_UIs_f32	0.0864500031		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	910116864		
target GetSystemTime mS u32 CurrentTime	800969984		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRac	lpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	Jls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_C		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target VehDyn Per1 VehicleSpeed Kph f3		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1075.06995	-	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1007.84601		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-5.73999977		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-147.699997		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1036.69995		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-994.070007		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.30000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	156.100006		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	<b>V</b>
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1078320779	1078320779	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892860	2345892860	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1036.69995	-1036.69995 ± 0.009	
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV_HwDeg_str.SV_Uls f32	-1036.69995	-1036.69995 ± 0.009	-
	1		
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc		1	_

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	800969984	800969984	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892860	2345892860	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-157.490005	-157.490005 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1036.69995	-1036.69995 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	800969984	800969984	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892860	2345892860	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1036.69995	-1036.69995 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1036.69995	-1036.69995 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_MaxOffset_HwDeg_M_f32	658.69397	658.69397	~
VehDyn_MinOffset_HwDeg_M_f32	-38.3699951	-38.3699989	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	17.7910023	17.7910042 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1662097408	1662097408	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.63 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	138.800003
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	216.800003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	1.79999995
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.8000031
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	10412
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3277
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1307.94995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000768000027
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1307.94995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000768000027
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	580.099976
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	86
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	45.2000008
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	33198
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835

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VehDyn\_Per1



Name	Input Value		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1307.94995		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1307.94995		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000898000028		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	138.699997		
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	216.100006		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1.70000005		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.0999985		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	10412		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3277		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1307.94995		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.8599999e-005		
VehDyn_AutoCntrl_oSpd_M_str.RelHwPosFilt2SV_HwDog_str.SV_Uls_f32	1307.94995 0.000768000027		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	1097.43005		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	663.685974		
VehDyn_MinOffset_HwDeg_M_f32	-1044.79797		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-7		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000380999991		
VehDyn_SLPHwAuth_Uls_M_f32 VehDyn_SLPHwPos_HwDeg_M_f32	0.101999998 -983.809998		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1117112832		
k_HiSpdVDAuthority_UIs_f32	0		
k_HwTqMgnThd_HwNm_f32	6.32000017		
k LoSpdVDAuthority Uls f32	0.566999972		
k_SrlHwAgVldTiThd_mS_u32	1000		
k_SysKinRatio_MtrDegpHwDeg_f32	85.0999985		
k_TravelXCDeadband_Uls_f32	86.2099991		
k_TraveIXCHwAuthority_Uls_f32	0.0876749977		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	402713344		
target_GetSystemTime_mS_u32_CurrentTime	2659241984		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	1117112832 target VehDyn Per1 CcwEOT HwDeg f32		
target Rte Inst Ap VehDyn.VehDyn Perl CwEOT HwDeg 132	target_VenDyn_Per1_CcwEOT_HwDeg_f32		
target Rte Inst Ap VehDyn.VehDyn Perl HwTorque HwNm f32	target VehDyn Per1 HwTorque HwNm f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target VehDyn Per1 MotorVelCRF MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3:	' <del>-</del>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3:	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1068.81006		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1018.75299		
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-6.32000017 88.5999985		
target_VehDyn_Per1_Motor velCRF_MitrRadpS_i32.value	1307.94995		
target VehDyn Per1 SrlHwAgVld Cnt Igc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-983.809998		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.2999995		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	135.5		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886	2138628886	~
Valabora AutoCataDatOad MartaTireanOanOanOanO	0550450005	2552456025	

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1307.94995	1307.94995 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1307.94995	1307.94995 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2138628886	2138628886	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2659241984	2659241984	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1307.94995	1307.94995 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1307.94995	1307.94995 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886	2138628886	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835	2553156835	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1307.94995	1307.94995 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1307.94995	1307.94995 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1018.75299	1018.75299	~
VehDyn_MinOffset_HwDeg_M_f32	-1068.81006	-1068.81006	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-6.99973488	-6.99973488 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1117112832	1117112832	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.101999998	0.101999998 ± 0.004	•
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	324.139954	324.140015 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	<b>✓</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.64 (Repeat Count = 1)	<b>▼</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	86.9000015
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156.899994
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.9000001
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	42.9000015
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	16683
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22497
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892860
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-893.640015
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000769999984
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-893.640015
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000769999984
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	621
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96.1999969
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.19999981
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	78

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	34188
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2345892860
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-893.640015
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584786
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-893.640015
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000899999985
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	86,099985
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156.699997
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.0999999
VehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	42.7000008
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	16683
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22497
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892860
	2760420809
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-893.640015
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.8999984e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-893.640015
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000769999984
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	1197.33997
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	668.677979
VehDyn_MinOffset_HwDeg_M_f32	-1038.11401
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.30000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000381999998
VehDyn_SLPHwAuth_Uls_M_f32	0.0869999975
VehDyn_SLPHwPos_HwDeg_M_f32	-973.549988
VehDyn_SrlHwAgVldTimer_mS_M_u32	2127166208
k HiSpdVDAuthority Uls f32	1
k HwTqMgnThd HwNm f32	1
k LoSpdVDAuthority Uls f32	0.449999988
k_SrlHwAgVldTiThd_mS_u32	20045
k_SysKinRatio_MtrDegpHwDeg_f32	96
k TravelXCDeadband Uls f32	87.6500015
k_TraveIXCHwAuthority_Uls_f32	0.088899999
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4178051584
target_GetSystemTime_mS_u32_CurrentTime	2942063360
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_ms_u32_ElapsedTi	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVId_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1062.55005
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1029.66003
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-6.9000001
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-75.5
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-893.640015
target VehDyn Per1 SrlHwAgVld Cnt Igc.value	0
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-973.549988
target veribyli Fell Olliway Hwbey 132.Value	
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999
	0 354.700012

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Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892860	2345892860	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-893.640015	-893.640015 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-893.640015	-893.640015 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2942063360	2942063360	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-893.640015	-893.640015 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-893.640015	-893.640015 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2942063360	2942063360	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-893.640015	-893.640015 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-893.640015	-893.640015 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1029.66003	1029.66003	~
VehDyn_MinOffset_HwDeg_M_f32	-1062.55005	-1062.55005	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.29498005	6.29498005 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2127166208	2127166208	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	-1600	-1600 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

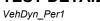
Test Step 2.65 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	539.099976
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	5.0999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	41.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2160073393
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	274107514
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	616.409973
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000771999999
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	616.409973
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000771999999
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	100

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	166.100006
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	56.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2160073393
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	274107514
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	616.409973
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000566000002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	616.409973
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000902
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	·
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	539.119995
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	166.020004
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	5.11999989
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.0200005
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	2160073393
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	274107514
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	616.409973
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.94000014e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	616.409973
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000771999999
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	1297.25
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-673.669983
VehDyn_MinOffset_HwDeg_M_f32	-1031.43005
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.5999999
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000383000006
VehDyn_SLPHwAuth_Uls_M_f32	
	0.0719999969
VehDyn_SLPHwPos_HwDeg_M_f32	-963.289978
VehDyn_SrlHwAgVldTimer_mS_M_u32	4243378688
k_HiSpdVDAuthority_Uls_f32	0.200000003
k_HwTqMgnThd_HwNm_f32	1.5
k_LoSpdVDAuthority_Uls_f32	0.370000005
k_SrlHwAgVldTiThd_mS_u32	951
k SysKinRatio MtrDegpHwDeg f32	97.0999985
k TravelXCDeadband Uls f32	89.0899963
k_TraveIXCHwAuthority_UIs_f32	0.090125002
target_DtrmnElapsedTime_mS_u32_ElapsedTime	569984000
target_GetSystemTime_mS_u32_CurrentTime	4077829376
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_Elapsed$	
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	4243378688
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 HwTorque HwNm f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1056.29004
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1040.56702
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-7.48000002
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.599976
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	616.409973
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-963.289978

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Name	Input Value		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	56.5800018		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2160073393	2160073393	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	274107514	274107514	<b>→</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	616.409973	616.409973 ± 0.0009	<b>-</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	616.409973	616.409973 ± 0.0009	<b>→</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>-</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>-</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>~</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>-</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4077829376	4077829376	<b>→</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	274107514	274107514	<b>→</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	616.409973	616.409973 ± 0.0009	<b>→</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	616.409973	616.409973 ± 0.0009	<b>→</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>-</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>→</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	-
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4077829376	4077829376	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	274107514	274107514	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	616.409973	616.409973 ± 0.0009	· · · · · ·
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	616.409973	616.409973 ± 0.0009	-
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	· · · · · ·
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	-
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>-</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	-
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>-</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	•
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_MaxOffset_HwDeg_M_f32	-673.669983	-673.669983	-
VehDyn_MinOffset_HwDeg_M_f32	-1031.43005	-1031.43005	•
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.59424639	7.59424639 ± 0.000009	•
VehDyn_SrlHwAgVldTimer_mS_M_u32	4243378688	4243378688	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.370000005	0.370000005 ± 0.004	•
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0	0 ± 0.1	<b>→</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.66 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	126.099998
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	236.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	32.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20423
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	31368
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00079000002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00079000002
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1

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Name		
Valtops_AuthorProtecting_d_M_Emillarialistand_Cruit_gs  Valtops_AuthorProtecting_d_M_E	Name	Input Value
ValDay Associational   Mark Brischialistes  Cell   to   ValDay Associational   Mark Brischialistes  ValDay   to   ValDay Associational   Mark Brischialistes  Cell   to   ValDay Associational   Mark Brischialistes  ValDay	VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
Validay Autochesis M. Jer Piller Technique (1997) Validay Autochesis M. Jer Piller Technique (19	VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VARION, NUMCONTRISES M. SECUNDATIONS   150   VARION, NUMCONTRISES M. SECUNDATIONS   150   VARION, NUMCONTRISES M. SECUNDATIONS   150   VARION, NUMCONTRISES M. SECUNDATION   150   VARION, NUMCONTRI	VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
Vestage   Auto-Contributed   M. of Contributed   Vestage   Vesta	VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124
MARCHENISTER   M. PITTOTT THE PRINT   ME   2023   1508	VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	176
ValDyn, Audoninskyd, M. M. TimerThreen, mb. 16 ValDyn, Audoninskyd, M. M. TimerThreen, mb. 10 ValDyn, Audoninskyd, M. M. TimerThreen, M. Valdyn, and V. M. 10 ValDyn, Audoninskyd, M. M. TimerThreen, V. Markey, and V. M. 10 ValDyn, Audoninskyd, M. M. TimerThreen, M. Valdyn, M. Valdyn, M. M. Valdyn, M. M. Valdyn, M. M. Valdyn, M. Valdyn, M. M. Waldyn, M. M. Waldyn, M. M. Waldyn, M. W. M. Waldyn, M. Waldyn, M. Waldyn, M. M. Waldyn, M. W	VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8
Verbin, Nuccional Sopt. M. Emeritarian mile. 16 Verbin, Nuccional Sopt. M. Emeritarian mile. 17 Verbin, Nuccional Sopt. M. Emeritarian mile. 18 Verbin, Nuccional Sopt. M. Eme	VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	54.0999985
Velicity   AutoConfesting of   Mary Territory   Section   Velicity   AutoConfesting of   Mary Territory   Velicity   V	VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20423
Vehiply, Anticonties (by J. M. Trierof_IPS_U202	VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	31368
Verbilly AutoControllogy M. aft Palla-Price (15.9) # 1044 7 3999  Verbilly AutoControllogy M. aft Palla-Price (15.9) # 1045 8 399		0
VebDn AucontHistor M. an Enhancentitis V. Hortog, att V. Uls. 122         1016 7.3989           VebDn, AucontHistor, M. an Enhancentitis V. Hortog, att V. Uls. 122         1000           VebDn, AucontHistor, M. and Enhancentitis V. Hortog, att V. Uls. 122         1000           VebDn, AucontHistor, M. and Enhancentics V. Hortog, att V. Uls. 122         0           VebDn, AucontHistor, M. and Enhancent C. et. Ige         0           VebDn, AucontHistor, M. and Enhancent C. et. Ige         1           VebDn, AucontHistor, M. and Enhancent C. et. Ige         1           VebDn, AucontHistor, M. and Enhancent C. et. Ige         2           VebDn, AucontHistor, M. and Enhancent C. et. Ige         1           VebDn, AucontHistor, M. and Enhancent E. et. Ige         2           VebDn, AucontHistor, M. and Enhancent E. et. Ige         2           VebDn, AucontHistor, M. and Enhancent E. et. Ige         2           VebDn, AucontHistor, M. and Enhancent E. et. Ige         2           VebDn, AucontHistor, M. and Enhancent E. et. Ige         2           VebDn, AucontHistor, M. and Enhancent E. et. Ige         2           VebDn, AucontHistor, M. and Enhancent E. et. Ige         3           VebDn, AucontHistor, M. and Enhancent E. et. Ige         3           VebDn, AucontHistor, M. and Enhancent E. et. Ige         4           VebDn, AucontHistor, M. and Enhancent E. et. Ige		1024
VebDy   AutoCriticistic   M. at Pathworship   VebDy   AutoCriticis		-1014.73999
VelOp AutoChittispi, M. ar Reiheroseit SV, Hong and KU Is, 132  VelOp AutoChittispi, M. ar Reiheroseit SV, Hong and KU Is, 132		
Verbilly, AuthOrtHolps, M. ser Review Cent (125 V. Holes, aut. Culls (12		
Verbing, AutoCarles Roy, M. as Pillard Enable, Crit. 1gc  Varborn, AutoCarles Roy, M. as Pillard Enables, Crit. 1gc  Varborn, AutoCarles Roy, M. as Pillard Enables, Crit. 1gc  Varborn, AutoCarles Roy, M. as Pillard Roy, Plan 2  Varborn, AutoCarles Roy, M. as Pillard Roy, Plan 2  Varborn, AutoCarles Roy, M. as Pillard Roy, Plan 2  Varborn, AutoCarles Roy, M. as Varborn, M.		
Verbing AutoChrist(SQL M, ser Plant Intellization)		
Verbing, AutoContrision, M. sei Filler Indiazed, Cri. Igo  Verbing, AutoContrision, M. sei Filler Indiazed, Cri. Igo  Verbing, AutoContrision, M. sei Verbing AutoContrision, M. Mindradys Dr. 2  Verbing, AutoContrision, M. sei Verbing AutoContrision, M. Mindradys Dr. 2  Verbing, AutoContrision, M. sei Verbing, AutoContrision, M. Mindradys Dr. 2  Verbing, AutoContrision, M. Sei Verbing, Verbing, 12  Verbing, AutoContrision, M. Sei Verbing, M. AutoContrision, M. Mindradys Dr. 1  Verbing, AutoContrision, M. Mindrad		
VenDry AutoCont (Sept M, set Prival) Prival Priva		
Verbin, AutoCritic Sept M. str Week) MinRadps, 5/2   Verbin, AutoCritic Sept M. str Week) MinRadps, 5/2   Verbin, AutoCritic Sept M. str Filter Ting Hown, 5/2   Verbin, AutoCritic Sept M. str Filter Ting Hown, 5/2   Verbin, AutoCritic Sept M. str Timert Tines II, ms, 1/18   Verbin, AutoCritic Sept M. str Timert Tines II, ms, 1/18   Verbin, AutoCritic Sept M. str Timert Tines II, ms, 1/18   Verbin, AutoCritic Sept M. str Timert Tines II, ms, 1/18   Verbin, AutoCritic Sept M. str Timert Tines II, ms, 1/18   Verbin, AutoCritic Sept M. str Timert Tines II, ms, 1/2   Verbin, AutoCritic Sept M. str Filter Ferbale, 1/18   Verbin, AutoCritic Sept M. str Filter Ferbale, 1/19   Verbin, AutoCriti		
VenDyn_AusComtusSpot M_striPrint_Nehm_152		
Verbity, AutoCentis Sold M. pt. Prilibring Individes Verbing 122 Verbing, AutoCentis Sold M. pt. Timer Threat, m3. U16 Verbing, AutoCentis Sold M. pt. Timer Threat, m3. U16 Verbing, AutoCentis Sold M. pt. Timer Threat, m3. U16 Verbing, AutoCentis Sold M. pt. Timer I, m3. U16 Verbing, AutoCentis Sold M. pt. Timer I, m3. U16 Verbing, AutoCentis Sold M. pt. Timer I, m3. U18 Verbing, AutoCentis Sold M. pt. Timer I, m3. U18 Verbing, AutoCentis Sold M. pt. Timer I, m3. U18 Verbing, AutoCentis Sold M. pt. Pt. Pt. Pt. Verbing Ve		
Verbing   AutoConticSged   M. ST Time Threat, mS   16		
Verliby_AutContacSpd_M_St_Timest_Threat_msi_u16		
VerbDy_AutContricSpd_M_ST_mer_m_S_US2		
VerbOyn_AutoCintc.Sopd_M_str_Nert_mS_u32  VerbOyn_AutoCintc.Sopd_M_str_NerthPosFiritSV_HvDog_str_SV_Uis_j32  VerbOyn_AutoCintc.Sopd_M_str_NerthPosFiritSV_HvDog_str_SV_Uis_j32  VerbOyn_AutoCintc.Sopd_M_str_NerthPosFiritSV_HvDog_str_SV_Uis_j32  VerbOyn_AutoCintc.Sopd_M_str_NerthPosFiritSV_HvDog_str_SV_Uis_j32  VerbOyn_AutoCintc.Sopd_M_str_NerthPosFiritSV_HvDog_str_SV_Uis_j32  VerbOyn_AutoCintc.Sopd_M_str_NerthPosFiritSV_HvDog_str_SV_Uis_j32  VerbOyn_AutoCintc.Sopd_M_str_NerthPosFiritSV_HvDog_str_SV_Uis_j32  VerbOyn_AutoCint.Sopd_M_str_NerthPosFiritSV_HvDog_str_SV_Uis_j32  VerbOyn_AutoCint.Sopd_M_str_NerthPosFiritSV_HvDog_str_SV_Uis_j32  VerbOyn_AutoCint.Sopd_M_str_NerthPosFiritSV_HvDog_str_SV_Uis_j32  VerbOyn_AutoCint.Sopd_M_str_NerthPosFiritSV_HvDog_str_SV_Uis_j32  VerbOyn_Holistiet_Cont_M_igc  1  VerbOyn_Holistiet_Cont_M_igc  1  VerbOyn_Holistiet_Cont_M_igc  1  VerbOyn_Holistiet_Cont_M_igc  1  VerbOyn_MonOffset_HvDog_M_ids_SV_Uis_j32  VerbOyn_NerthPosM_ids_SV_Uis_j32  VerbOyn_N		
VerbDyn_AutOccinic Sopd_M_str Timerz_mS_usz_2		
VerbDyn_AutoCnitLoSpd_M_str-ReitHwPoSititSV_HvDog_str_K_Uis_f22		
VehDyn_AutoCnitLoSpd_M_str_RehtwPosifitSV_HwDeg_str_K_Us_T22	VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	
VehDyn_AutoCnitt.Ospd_M_str.ReiHwPosiRitZSV_HwDeg_str.K Uis_f32         000079000002           VehDyn_AutoCnitt.Ospd_M_str.ReiHwPosiRitZSV_HwDeg_str.K Uis_f32         000079000002           VehDyn_AutoCnitt.Ospd_M_str.ReiHwPosiRitZSV_HwDeg_str.K Uis_f32         1           VehDyn_AutoCnitt.Ospd_M_str.ReiHwPosiRitZSV_HwDeg_str.K Uis_f32         0           VehDyn_AutoCnitt.Ospd_M_str.ReiHwIndiated_Cnt_Ige         0           VehDyn_ForceCenterOffSet_HwDeg_M_f32         1000.87999           VehDyn_Horder         0           VehDyn_Horder         0           VehDyn_Hispd_Learnt_Cnt_M_log         0           VehDyn_Hispd_Learnt_Cnt_M_log         0           VehDyn_Hispd_Learnt_Cnt_M_log         0           VehDyn_Morfiset_HwDeg_M_f32         15,6000004           VehDyn_Morfiset_HwDeg_M_f32         15,0000004           VehDyn_PartragsW_m_str.K Uis_f32         0,000391899987           VehDyn_Nortine_HwDeg_M_f32         15,0000008           VehDyn_Str.NewByn_Martrag_m_S_M_uis_f32         0,000391899987           VehDyn_Str.NewByn_Martrag_m_S_M_uis_f32         0,000391899989           VehDyn_Str.NewByn_Mortine_m_S_M_uis_f32         0,0003918999899           K_HordMynThd_HwNm_152         4891           K_JosepVDAuchiny_Uis_f32         0,00000000000000000000000000000000000		-1014.73999
VenDry_AutoCriticSpd M_str. Filer Enable_Cri. Igo	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.2999998e-005
VehDyn_AutoCnitLoSpd_M_str_FilterEnable_CnL_lgo	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999
VehDyn_AutoCntLoSpd_M_str_Filter2Enable_Cnt_lgc	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00079000002
VehDyn_AutoCnttLoSpd_M_str_FilterInitalized_Cnt_lose	VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoContr.dSpd_M_str FilterZinitialized_Crit_lgc         0           VehDyn_ForceCenterEnabled_Crit_M_lgc         0           VehDyn_ForceCenterCifiset_HvDeg_M_fi32         -1000.67999           VehDyn_HiSpd.eaml_Crit_M_lgc         0           VehDyn_LiSpd.eaml_Crit_M_lgc         1           VehDyn_LiSpd.eaml_Crit_M_lgc         0           VehDyn_MissCrites_HvDeg_M_f32         15.6000004           VehDyn_MissCrites_HvDeg_M_f32         16.700008           VehDyn_FinTrqSV_M_str K_yU_is_f32         1.5           VehDyn_FinTrqSV_M_str K_yU_is_f32         1.5           VehDyn_SIPTHAVB_U_M_is_f32         0.00030199987           VehDyn_SIPTHAVB_U_M_is_f32         0.00030199987           VehDyn_SIPHAVPOs_HvNDeg_M_f32         0.00000029           VehDyn_SIPHAVPOs_HvNDeg_M_f32         2.000000029           VehDyn_SIPHAVPOs_HvNDeg_M_f32         1           K_LHYAMQHTDITIO_IIS_J32         1           K_LHYAMQHTDITIO_IIS_J32         1           K_LOSPOVDAUthority_UIS_J32         4891           K_LSyskinRaio_MtrDepritvDeg_f32         86.5           K_TraveXCCNeadband_UIS_J32         97.1100006           K_TraveXCCNeadband_UIS_J32         10114999           Larget_Ric_Gall_AP_VehDyn_SystemTime_DimcElapsedTime_mS_U32_ElapsedTime_are_US_US_ElapsedTime_are_US_US_US_US_US_US_US_U	VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_ForceCenterCfiset_HWDeg_M_f32         -1000.67999           VehDyn_HSbQ_carm, Crit_Migc         0           VehDyn_HSbQ_carm, Crit_Migc         1           VehDyn_LSbQ_carm, Crit_Migc         0           VehDyn_LSbQ_carm, Crit_Migc         0           VehDyn_MaxOffset_HWDeg_M_f32         15.6000004           VehDyn_Minoffset_HWDeg_M_f32         16.7000008           VehDyn_SPLTQSV_M_strSV_Usl_S12         1.5           VehDyn_SPLTQSV_M_strSV_Usl_S12         1.5           VehDyn_SPLTQSV_M_strSV_Usl_S12         1.5           VehDyn_SPLTQSV_M_strSV_Usl_S12         0.000000099           VehDyn_SPLTWPOs_HWDeg_M_f32         4690000099           VehDyn_SPLTWPOs_HWDeg_M_f32         1           K_LOSpVDAuthority_Usl_S12         1           K_LOSpVDAuthority_Usl_S12         1           K_SyskinRatio_MtrDegptWDeg_f32         4891           K_SyskinRatio_MtrDegptWDeg_f32         86.5           K_TraveXCHwAuthority_Usl_S12         10.11149999           target_Ric_Call_Ap_VehDyn_SystemTime_DitmGlispsedTime_mS_u32_LispsedTime_trage_Ric_Call_Ap_VehDyn_SystemTime_DitmGlispsedTime_mS_u32_LispsedTime_trage_Ric_Call_Ap_VehDyn_SystemTime_DitmGlispsedTime_mS_u32_LispsedTime_trage_Ric_Call_Ap_VehDyn_SystemTime_DitmGlispsedTime_trage_Ric_Call_Ap_VehDyn_Perl_CwECT_HWDeg_f32         target_VehDyn_Perl_LWDeg_f32         target_VehDyn_Perl_HWDeg_f32         target_Ve	VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_HiSpdLeamt_Cnt_M_lgc	VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HisDalearmCnt_Migc	VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_igc	VehDyn_ForceCenterOffset_HwDeg_M_f32	-1000.67999
VehDyn_LoSpdLeamt_Cnl_M_lgc         0           VehDyn_MaxOffset_Hwbeg_M_f32         15.6000004           VehDyn_Minoffset_Hwbeg_M_f32         16.700008           VehDyn_PinTrqSV_M_str.SV_Uls_f32         1.5           VehDyn_PinTrqSV_M_str.SV_Uls_f32         0.000391999987           VehDyn_Str.Brwalth_Uls_M_f32         0.0007000029           VehDyn_St.PhwPos_HwDeg_M_f32         470,950012           VehDyn_St.PhwPos_HwDeg_M_f32         2659241984           VehDyn_Str.BrwAg/rdTimer_mS_M_u32         2659241984           K_HSpd7DVAuthority_Uls_f32         1           K_LoSpd7DAuthority_Uls_f32         0           K_ShifkaRido_MtrDephwDeg_f32         4891           K_ShifkaRido_MtrDephwDeg_f32         86.5           K_TraveXCDeadband_Uls_f32         0.101149999           karget_GetSystemTime_m_S_u32_ElapsedTime         2659241984           target_GetSystemTime_m_S_u32_ElapsedTime_ms	VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_LoSpdLeamt_Cnt_M_lgc         0           VehDyn_MaxOffset_Hwbeg_M_f32         15.6000004           VehDyn_MinStet_Hwbeg_M_f32         16.700008           VehDyn_PinTrqSV_M_str.SV_UIs_f32         1.5           VehDyn_PinTrqSV_M_str.SV_UIs_f32         0.000391999997           VehDyn_SLPHwalth_UIs_M_f32         0.0970000029           VehDyn_SLPHwalth_UIS_M_f32         0.0970000029           VehDyn_StrHwAgvidTimer_mS_M_u32         2659241984           K_HSpdVDAuthority_UIs_f32         1           K_HSpdVDAuthority_UIS_f32         1           K_HSpdVDAuthority_UIS_f32         0           K_LospdVDAuthority_UIS_f32         0           K_SHHWAgVIGTTIM_mS_u32         4891           K_SysKinRatio_MtrDepthwDe_f_f32         86.5           K_TravetXCDeadband_UIS_f32         97.1100006           K_TravetXCDeadband_UIS_f32         0.101149999           K_TravetXCDeadband_UIS_f32         0.101149999           K_TravetXCDeadband_UIS_f32         0.101149999           K_TravetXCDeadband_UIS_f32         0.101149999           Larget_Re_Call_Ap_VehDyn_SystemTime_Dimme_lapsedTime_ms_u32_ClapsedTime_su32_ClapsedTime_su32_ClapsedTime_su32_ClapsedTime_su32_ClapsedTime_su32_ClapsedTime_su32_ClapsedTime_su32_ClapsedTime_su32_ClapsedTime_su32_ClapsedTime_su32_ClapsedTime_su32_ClapsedTime_su32_ClapsedTime_su32_ClapsedTime_su32_ClapsedTime_su32_ClapsedTime_su		1
VehDyn_MinOffset_HwDeg_M_f32		0
VehDyn_MinOffset_HwDeg_M_/32         16,7000008           VehDyn_PinTrigSV_M_str.K_Uis_/32         1,5           VehDyn_PinTrigSV_M_str.K_Uis_/32         0,000391999987           VehDyn_SLPHwAuth_Uis_M_/32         0,00070000029           VehDyn_SLPHwAuth_Uis_M_/32         0,00070000029           VehDyn_SLPHwAuth_Uis_M_/32         2,699241984           VehDyn_Str.WayQVITImer_nS_M_U32         2659241984           k_HiSpdVDAuthority_Uis_/32         1           k_LebynDVAuthority_Uis_/32         0           k_LospdVDAuthority_Uis_/32         0           k_LospdVDAuthority_Uis_/32         4891           k_SyskinRato_MirDepHwDeg_/32         86.5           k_SyskinRato_MirDepHwDeg_/32         86.5           k_TraveRDCeadband_Uis_/15/2         0.101149999           k_TraveRDCeadband_Uis_/15/2         0.101149999           k_arget_Rel_Call_Ap_VehDyn_SystemTime         2127766208           target_Rel_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime         2127766208           target_Rel_Call_Ap_VehDyn_SystemTime_OetSystemTime_mS_u32_CurrentTime         2127766208           target_Rel_Call_Ap_VehDyn_SystemTime_OetSystemTime_mS_u32_CurrentTime         2127766208           target_Rel_Call_Ap_VehDyn_Perl_CaveOT_HwDeg_/32         target_VehDyn_Perl_CoveEOT_HwDeg_/32           target_Rel_Call_Ap_VehDyn_P		15.6000004
VehDyn PinTrqSV_M_str.SV_Uls_f32		
VehDyn_PinTrqSV_M_str.K_Ulis_/i32         0.00031999987           VehDyn_SLPHWAuth_Ulis_M_f32         0.0970000029           VehDyn_SLPHWPoS_HW0eg_M_f32         470.950012           VehDyn_SriHwAgVidTimer_mS_M_u32         2659241984           k_HiSpdVDAuthority_Ulis_f32         1           k_HiSpdVDAuthority_Ulis_f32         1           k_LoSpdVDAuthority_Ulis_f32         0           k_SriHwAgVidTiTrd_mS_u32         4891           k_SyskiRinafio_MtrDegpHw0eg_f32         86.5           k_TraveIXCHwAuthority_Ulis_f32         97.1100006           k_TraveIXCHwAuthority_Ulis_f32         0.101149999           target_DtmnElapsedTime_mS_u32_ElapsedTime         2659241984           target_GetSystemTime_mS_u32_CurrentTime         217166208           target_Re_Call_Ap_VehDyn_SystemTime_DtmnElapsedTime_mS_u32_ElapsedTime         217566208           target_Re_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         2075080192           target_Re_Lost_Ap_VehDyn_VehDyn_Per_LowEOT_HwDeg_f32         target_VehDyn_Per_LowEOT_HwDeg_f32           target_Re_Inst_Ap_VehDyn_VehDyn_Per_LowEOT_HwDeg_f32         target_VehDyn_Per_LowEOT_HwDeg_f32           target_Re_Inst_Ap_VehDyn_VehDyn_Per_LowEOT_HwRadpS_f32         target_VehDyn_Per_LowEOT_HwDeg_f32           target_Re_Inst_Ap_VehDyn_VehDyn_Per_LowEorSeathirority_Uis_f32         target_VehDyn_Per_LowEOT_HwDeg_f32 </td <td></td> <td></td>		
VehDyn_SLPHw2b, Mbge_M_f32         0.0970000029           VehDyn_SLPHwPos_HwBe_M_f32         3870.950012           VehDyn_SIPHwRos_HwBe_M_f32         2659241984           k_HiSpdVDAuthority_Uls_f32         1           k_HiSpdVDAuthority_Uls_f32         3.0999999           k_LoSpdVDAuthority_Uls_f32         4891           k_LoSpdVDAuthority_Uls_f32         4891           k_SirlhwAg/IdTIThd_mS_u32         4891           k_SyskinRatio_MtrDegpHwDeg_f32         86.5           k_TraveIXCDeadband_Uls_f32         97.1100006           k_TraveIXCHAWthority_Uls_f32         0.101149999           target_DtmnElapsedTime_mS_u32_ElapsedTime         2659241984           target_Rel_Call_Ap_vehDyn_SystemTime_DtmnElapsedTime_mS_u32_ElapsedTime         217166208           target_Rel_Call_Ap_vehDyn_SystemTime_DetSystemTime_mS_u32_CurrentTime         2259241984           target_Rel_call_Ap_vehDyn_SystemTime_DetSystemTime_mS_u32_CurrentTime         2259241984           target_Rel_nst_Ap_VehDyn_VehDyn_Per1_CowEOT_HwDeg_f32         target_VehDyn_Per1_CowEOT_HwDeg_f32           target_Rel_nst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwMm_f32         target_VehDyn_Per1_CowEOT_HwDeg_f32           target_Rel_nst_Ap_VehDyn_VehDyn_Per1_MotorVeiCRF_MtrRadpS_f32         target_VehDyn_Per1_HwTorque_HwMm_f32           target_Rel_inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32         target_VehDyn_Pe		
VehDyn_StHwAgvIdTimer_mS_M_u32         2659241984           K_HiSpdVDAuthority_UIs_f32         1           K_HWTqMgnThd_HwNm_f32         3.0999999           K_LoSpdVDAuthority_UIs_f32         0           K_SysKimRatio_MtTDeghtwDeg_f32         4891           K_SysKimRatio_MttDeghtwDeg_f32         86.5           K_TraveIXCDeadband_UIs_f32         97.1100006           K_TraveIXCHWauthority_UIs_f32         0.101149999           target_DtmmElapsedTime_mS_u32_ElapsedTime         2659241984           target_Rel_Call_Ap_VehDyn_SystemTime_DtmmElapsedTime_mS_u32_ElapsedTime         2127166208           target_Rel_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         2127166208           target_Rel_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_Nel_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32           target_Rel_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rel_Inst_Ap_VehDyn_VehDyn_Per1_MotorvelCRF_MtrRadpS_f32         target_VehDyn_Per1_MotorvelCRF_MtrRadpS_f32           target_Rel_Inst_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_UIs_f32         target_VehDyn_Per1_MotorvelCRF_MtrRadpS_f32           target_Rel_Inst_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_UIs_f32         target_VehDyn_Per1_SensoriessAuthority_UIs_f32           target_Rel_Inst_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_UIs_f32         target_VehDyn_Per1_SensoriessAuthority_UIs_f32	, - ·	
VehDyn_SrlHwAgVldTimer_mS_M_u32         2659241984           k_HispdVDAuthority_Uls_f32         1           k_LeSpdVDAuthority_Uls_f32         3.0999999           k_LoSpdVDAuthority_Uls_f32         0           k_SrlKinRatio_MtrDegpHwDeg_f32         4891           k_SysKinRatio_MtrDegpHwDeg_f32         86.5           k_TravelXCDeadband_Uls_f32         97.1100006           k_TravelXCHwAuthority_Uls_f32         0.101149999           target_DtrimcliapsedTime_mS_u32_ElapsedTime         2659241984           target_DtrimcliapsedTime_mS_u32_CurrentTime         2659241984           target_Rec_Call_Ap_VehDyn_SystemTime_DtrimclapsedTime_mS_u32_CurrentTime         2075080192           target_Rec_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         2659241984           target_Ret_lost_Ap_VehDyn_NehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Ret_lost_Ap_VehDyn_NehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Ret_lost_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32         target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32           target_Ret_lost_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uls_f32         target_VehDyn_Per1_SensoriessAuthority_Uls_f32           target_Ret_lost_Ap_VehDyn_VehDyn_Per1_SensoriessHwPos_HwDeg_f32         target_VehDyn_Per1_SensoriessHwPos_HwDeg_f32           target_Ret_lost_Ap_VehDyn_VehDyn_Per1_SrithwAg_HwD		
k_HiSpdVDAuthority_UIs_f32         1           k_HwTpMgnThd_HwNm_f32         3.0999999           k_LoSpdVDAuthority_UIs_f32         0           k_SrlHwAgVIdTThd_mS_u32         4891           k_SyskinRatio_MirDegpHwDeg_f32         86.5           k_TraveIXCDeadband_UIs_f32         97.1100006           k_TraveIXCHwAuthority_UIs_f32         0.101149999           target_DetSystemTime_mS_u32_CurrentTime         2659241984           target_Rte_Call_Ap_VehDyn_SystemTime_DtrimnElapsedTime_mS_u32_CurrentTime         2127166208           target_Rte_Call_Ap_VehDyn_SystemTime_DtrimnElapsedTime_mS_u32_CurrentTime         2075080192           target_Rte_Inst_Ap_VehDyn_SystemTime_mS_u32_CurrentTime         2127166208           target_Rte_Inst_Ap_VehDyn_SystemTime_mS_u32_CurrentTime         2127166208           target_Rte_Inst_Ap_VehDyn_NehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVeIcRF_MtrRadpS_f32         target_VehDyn_Per1_HwTorque_HwSn_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32         target_VehDyn_Per1_SensorlessAuthority_UIs_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32         target_VehDyn_Per1_SensorlessAuthority_UIs_f32           target_Rte_Inst_Ap_VehDyn.Ve		
k_HwTqMgnTnd_HwNm_f32         3.0999999           k_LoSpdVDAuthority_Uls_f32         0           k_SrlHwAgVldTTInd_mS_u32         4891           k_SysKinRatio_MtrDegpHwDeg_f32         86.5           k_TravelXCDeadband_Uls_f32         97.1100006           k_TravelXCHwAuthority_Uls_f32         0.101149999           larget_DtrmnElapsedTime_mS_u32_ElapsedTime         2659241984           target_Rec_GetSystemTime_mS_u32_CurrentTime         2177166208           target_Rec_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime         2075080192           target_Rec_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         2075080192           target_Rec_Call_Ap_VehDyn_VehDyn_Perl_CowEOT_HwDeg_f32         target_VehDyn_Perl_CowEOT_HwDeg_f32           target_Rel_inst_Ap_VehDyn.VehDyn_Perl_MotorVeiCRT_MtrRadpS_f32         target_VehDyn_Perl_CowEOT_HwDeg_f32           target_Rel_inst_Ap_VehDyn.VehDyn_Perl_MotorVeiCRF_MtrRadpS_f32         target_VehDyn_Perl_MotorVeiCRF_MtrRadpS_f32           target_Rel_inst_Ap_VehDyn.VehDyn_Perl_SensorlessAuthority_Uls_f32         target_VehDyn_Perl_SensorlessAuthority_Uls_f32           target_Rel_inst_Ap_VehDyn.VehDyn_Perl_SensorlessAuthority_Uls_f32         target_VehDyn_Perl_SensorlessAuthority_Uls_f32           target_Rel_inst_Ap_VehDyn.VehDyn_Perl_SensorlessHwDeg_f32         target_VehDyn_Perl_SensorlessHwDeg_f32           target_Rel_inst_Ap_VehDyn.VehDyn_Perl_SriHwAg_HwDeg_f32         t	, , , , , , , , , , , , , , , , , , ,	
k_ospdVDAuthority_Uls_f32 0 k_sthwAgVdTTThd_ms_u32 4891 k_sysKinRatio_MtrDegpHwDeg_f32 86.5 k_TravelXCDeadband_Uls_f32 97.1100006 k_TravelXCDeadband_Uls_f32 97.1100006 k_travelXCHwAuthority_Uls_f32 0.101149999 target_DtrmnElapsedTime_mS_u32_ElapsedTime 2659241984 target_CelSystemTime_mS_u32_CurrentTime 2127166208 target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_CurrentTime 2659241984 target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 2659241984 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_cwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_WhOrque_HwNm_f32 target_VehDyn_Per1_WhOrque_HwNm_f32 target_VehDyn_Per1_Whorque_HwNm_f32 target_VehDyn_Per1_MotorVelORF_MtrRadpS_f32 target_Rte_inst_Ap_VehDyn.VehDyn_Per1_MotorVelORF_MtrRadpS_f32 target_VehDyn_Per1_MotorVelORF_MtrRadpS_f32 target_Rte_inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_Senso		
k_SrlHwAgVldTiThd_mS_u32	_ , ,	
k_SyskinRatio_MtrDegpHwDeg_f32	_ '	
k_TravelXCDeadband_Uls_f32 97.1100006 k_TravelXCHwAuthority_Uls_f32 0.101149999 target_DtrmnElapsedTime_mS_u32_ElapsedTime 2659241984 target_GetSystemTime_mS_u32_CurrentTime 2127166208 target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTize_mS_u32_ElapsedTize_mS_u32_ElapsedTize_mS_u32_CurrentTime 2659241984 target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 2659241984 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorvelCRF_MtrRadpS_f32 target_VehDyn_Per1_MotorvelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_Sen		
target_DtrmnElapsedTime_mS_u32_ElapsedTime 2659241984 target_GetSystemTime_mS_u32_CurrentTime 2127166208 target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SriHwAgVid_Cnt_igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SriHwAgVid_Cnt_igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SriHwAgVid_Cnt_igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SriHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SriHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value  999.950012		
target_DtrmnElapsedTime_mS_u32_ElapsedTime 2659241984  target_GetSystemTime_mS_u32_CurrentTime 2127166208  target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_ElapsedTi target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 2659241984  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SHrwAgVid_Cnt_lgc  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SHrwAg_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SHrwAg_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SHrwAg_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SHrwAg_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_VehDyn_Per1_SrlHwAg_HwDeg_f32  target_VehDyn_Per1_SrlHwAg_HwDeg_f32  target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_CwEOT_HwDeg_f32.value  1138.72998		
target_GetSystemTime_mS_u32_CurrentTime  target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi  target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32  target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32  target_Veh		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_V		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value  1138.72998	target_GetSystemTime_mS_u32_CurrentTime	2127166208
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_LwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value 1138.72998	$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_ElapsedT$	2075080192
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value 1138.72998	$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	2659241984
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value 1138.72998	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_CowEOT_HwDeg_f32.value  1138.72998	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value 1138.72998	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value 1138.72998	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value 1138.72998		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_CowEOT_HwDeg_f32.value  1138.72998		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value 1138.72998		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -999.950012 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1138.72998		, · - · · ·
target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1138.72998		
alget_veil_byit_Feit_Twitotique_Twixtit_ioz.value 8.53999990		
	target_verityri_reri_mw.rurque_mw.niii_i32.value	0.30333330





Name	Input Value		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-456.899994		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1014.73999		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-870.950012		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	42.3600006		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886	2138628886	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024	1024	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2127166208	2127166208	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024	1024	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	✓
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2127166208	2127166208	✓
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024	1024	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	15.6000004	15.6000004	~
VehDyn_MinOffset_HwDeg_M_f32	16.7000008	16.7000008	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.50272346	1.50272346 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2659241984	2659241984	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.0970000029	0.0970000029 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	<b>~</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.67 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.300003
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	186.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	7.0999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	88.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	26195
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22037
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004656
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000823999988
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000823999988
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc	120
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	52.0999985
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	78.1999969
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004656
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000612000003
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000216
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	200.699997
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	146.699997
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.6999981
VehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	52.2000008
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43190
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	3186
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004656
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV_HwDeg_str.K Uls f32	5.98000006e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000823999988
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	697.789978
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	803.461975
VehDyn_MinOffset_HwDeg_M_f32	-857.645996
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.4000001
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000409
VehDyn_SLPHwAuth_Uls_M_f32	0.386000007
VehDyn SLPHwPos HwDeg M f32	-696.530029
VehDyn SrlHwAgVldTimer mS M u32	89763
k_HiSpdVDAuthority_UIs_f32	0
k_HwTqMgnThd_HwNm_f32	0.00120000006
k LoSpdVDAuthority Uls f32	1
k_SrlHwAgVldTiThd_mS_u32	90
k SysKinRatio MtrDegpHwDeg f32	
	96.0999985
k_TravelXCDeadband_Uls_f32	79.5999985
k_TraveIXCHwAuthority_UIs_f32	0.121974997
target_DtrmnElapsedTime_mS_u32_ElapsedTime	824746752
target_GetSystemTime_mS_u32_CurrentTime	1759885568
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
m.8-5-10-2-10-2-10-10-10-10-10-10-10-10-10-10-10-10-10-	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_venbyn_r er i_ren iw es_rivbeg_loz
	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SrlHwAgVid_Cnt_lgc





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Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleS	peed Kph f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-893.530029		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1324.14905		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	3.4000001		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1023.04999		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1600		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-696.530029		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	36.7700005		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1759885568	1759885568	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322	54822322	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004656	4004004656	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322	54822322	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004656	4004004656	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322	54822322	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	1324.14905	1324.14905	~
VehDyn_MinOffset_HwDeg_M_f32	-893.530029	-893.530029	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.39637709	-5.39637709 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	89763	89763	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	902.210022	902.210022 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.68 (Repeat Count = 1)	ranga da kacamatan
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	100.099998
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	186.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-136.300003
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000777999987
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-136.300003
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000777999987
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	138.199997
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	126.199997
	12
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-136.300003
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000566000002
	0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	l'
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000907999987
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	100.099998
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	186.5
, , , , , , , , , , , , , , , , , , , ,	14.1000004
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.5
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-136.300003
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.0599997e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-136.300003
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000777999987
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn ForceCenterEnabled Cnt M lgc	1
VehDyn ForceCenterOffset HwDeg M f32	1596.97998
	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	688.645996
VehDyn_MinOffset_HwDeg_M_f32	-1011.37799
VehDyn_PinTrqSV_M_str.SV_Uls_f32	8.89999962
VehDyn PinTrqSV M str.K Uls f32	0.000386
VehDyn_SLPHwAuth_Uls_M_f32	0.0270000007
VehDyn SLPHwPos HwDeg M f32	
	-932.51001
VehDyn_SrlHwAgVldTimer_mS_M_u32	1316564736
k_HiSpdVDAuthority_Uls_f32	0
k_HwTqMgnThd_HwNm_f32	1.10000002
k_LoSpdVDAuthority_Uls_f32	0.560000002
k SrlHwAgVldTiThd mS u32	70
k_SysKinRatio_MtrDegpHwDeg_f32	41.0999985
k TravelXCDeadband Uls f32	93.4100037
k_TraveIXCHwAuthority_UIs_f32	0.0938000008
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2212175616
target_GetSystemTime_mS_u32_CurrentTime	3437401088
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_ElapsedT$	1117112832
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	1316564736
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
	magesbyii_i or _orinin/ig_imbog_loz





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueC	CmdCRF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleS	SpeedValid_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleS	Speed_Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1037.51001		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1073.28796		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-6.01000023		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-897.599976		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-136.300003		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-932.51001		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.89999998		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	452.540009		
Name	Actual Value	Expected Value	Resul
VehDyn AllowHiSpdAutoCntr Cnt M Igc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3437401088	3437401088	
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	3382212733	3382212733	
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-136.300003	-136.300003 ± 0.0009	
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-136.300003	-136.300003 ± 0.0009	
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784	2967684784	
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	3382212733	3382212733	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-136.300003	-136.300003 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	0	0 ± 0.000009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	1	1	
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	1	1	
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0	0	٠,
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	2967684784	2967684784	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733	3382212733	
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-136.300003	-136.300003 ± 0.0009	
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-136.300003	-136.300003 ± 0.0009	
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt lgc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	٠,
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1	1	
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	
VehDyn Initialize Cnt M Igc	1	1	
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	
VehDyn MaxOffset HwDeg M f32	1073.28796	1073.28796	
VehDyn_MinOffset HwDeg M f32	-1037.51001	-1037.51001	
VehDyn PinTrqSV M str.SV Uls f32	8.89422607	8.89422703 ± 0.000009	
VehDyn_SrlHwAgVIdTimer_mS_M_u32	1316564736	1316564736	
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 CheckpointReached	1	_

Test Step 2.69 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	124.699997
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	196.699997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.7000008
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.6999969
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	40437

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	13059
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	3174948758
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476707
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.839996
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000780000002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.839996
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000780000002
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	136
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	10
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	40437
	13059
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948758
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476707
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.839996
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000568000018
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	448.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000910000002
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	124.800003
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	196.100006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.7999992
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.0999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	40437
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	13059
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948758
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476707
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.839996
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.09999991e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.839996
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000780000002
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1500.22998
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	693.638
VehDyn_MinOffset_HwDeg_M_f32	-1004.69397
VehDyn_PinTrqSV_M_str.SV_UIs_f32	13.8999996
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000387000007
VehDyn_SLPHwAuth_Uls_M_f32	0.0120000001
VehDyn SLPHwPos HwDeg M f32	-922.25
VehDyn_SrlHwAgVldTimer_mS_M_u32	2075080192
k HiSpdVDAuthority UIs f32	1
k_HwTqMgnThd_HwNm_f32	1.20000005
k_LoSpdVDAuthority_Uls_f32	0.76880002
k SrlHwAgVldTiThd mS u32	456
k SysKinRatio MtrDegpHwDeg f32	63.2999992
k_TravelXCDeadband_UIs_f32	94.8499985
k_TraveIXCHwAuthority_Uls_f32	0.095025003
target DtrmnElapsedTime mS u32 ElapsedTime	2059598336
target_GetSystemTime_mS_u32_CurrentTime	3494315776
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAg	Vld_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg	_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueC	mdCRF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleS	peedValid_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleS	peed_Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1031.25		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1084.19495		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-8		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154.399994		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-444.839996		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-922.25		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.19999981		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	423.450012		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M lgc	1	1	·
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	3174948758	3174948758	•
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	3589476707	3589476707	•
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-444.839996	-444.839996 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.839996	-444.839996 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	_
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3494315776	3494315776	•
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	3589476707	3589476707	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.839996	-444.839996 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	448.5	448.5 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	✓
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3494315776	3494315776	✓
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476707	3589476707	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.839996	-444.839996 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.839996	-444.839996 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_Igc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	693.638	693.638	~
VehDyn_MinOffset_HwDeg_M_f32	-586.410034	-586.409973	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.8915749	13.8915749 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2075080192	2075080192	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1055.39001	1055.39001 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.70 (Repeat Count = 1)	· · · · · · · · · · · · · · · · · · ·
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	120.099998

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.09998
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.10000038
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	56.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892860
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-339.980011
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000807999982
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-339.980011
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000807999982
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	10.3999996
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	236
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	97.4000015
	7034
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	39056
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2345892860
VehDyn_AutoCotrl liSed_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	-339.980011
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00059599998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	-339.980011
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000184000004
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	98.4000015
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.3000002
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.1999998
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892860
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-339.980011
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.66000017e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-339.980011
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000807999982
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0
VehDyn ForceCenterEnabled Cnt M lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	-101.489998
VehDyn_HiSpdLearnt_Cnt_M_lgc	
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	763.526001
VehDyn_MinOffset_HwDeg_M_f32	-911.117981
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.5999999
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000400999998
VehDyn_SLPHwAuth_Uls_M_f32	0.25
VehDyn_SLPHwPos_HwDeg_M_f32	-778.609985
VehDyn_SrlHwAgVldTimer_mS_M_u32	1050692864
k_HiSpdVDAuthority_UIs_f32	0
k_HwTqMgnThd_HwNm_f32	6.32000017
k_LoSpdVDAuthority_Uls_f32	1
k_SrlHwAgVldTiThd_mS_u32	701
k_SysKinRatio_MtrDegpHwDeg_f32	32.0999985
k_TravelXCDeadband_Uls_f32	87.8399963
k_TravelXCHwAuthority_Uls_f32	0.112175003
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2127166208
target_GetSystemTime_mS_u32_CurrentTime	309385728
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTi	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	1050692864
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
govoorpvon.byn_r or r_owe_or_1 iwdeg_loz	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelC	RF_MtrRadpS_f32	
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos	HwDeg f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_Sensorless	Authority Uls f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_Sensorless		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target VehDyn Per1 SrlHwAgVI		
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAg HwDeg f32	target VehDyn Per1 SrlHwAg H		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCm	<del></del>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpe		
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target_VehDyn_Per1_VehicleSpe		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-943.609985		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1236.89294		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-8.06000042		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1100.09998		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-339.980011		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-778.609985		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.29999995		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target VehDyn Per1 VehicleSpeed Kph f32.value	120.349998		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	309385728	309385728	_
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758	3174948758	_
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-339.980011	-339.980011 ± 0.0009	•
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-339.980011	-339.980011 ± 0.0009	_
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	_
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc	0	0	_
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	_
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2345892860	2345892860	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758	3174948758	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-339.980011	-339.980011 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-339.980011	-339.980011 ± 0.0009	_
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	_
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892860	2345892860	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758	3174948758	~
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-339.980011	-339.980011 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-339.980011	-339.980011 ± 0.0009	~
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	_
VehDyn LoSpdLearnt Cnt M Igc	1	1	~
VehDyn MaxOffset HwDeg M f32	1236.89294	1236.89294	
			<b>✓</b>
	-943.609985	-943.609985	_
VehDyn_MinOffset_HwDeg_M_f32	-943.609985 7.59373665	-943.609985 7.59373665 ± 0.000009	
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.59373665	7.59373665 ± 0.000009	7
VehDyn_MinOffset_HwDeg_M_f32			~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	•

Test Step 2.71 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime	
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn	

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Name	Input Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	88.0999985
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	216.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	78.0999985
VehDyn_AutoCotrDetSpd_M_str.Timer1Thresh_mS_u16	38868 57944
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004656
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	710.950012
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000783999974
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	710.950012
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000783999974
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1.
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	96.0999985
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	156
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.19999981
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3589476707
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	710.950012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00057199999
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	710.950012
VehDyn_AutoCntrl-iSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc	1 0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	88.5
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	216.600006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.5
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	78.5999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476707
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004656
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	710.950012
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.18000015e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	710.950012
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000783999974
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1300.41003
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	703 633000
VehDyn_MaxOffset_HwDeg_M_f32  VehDyn_MinOffset_HwDeg_M_f32	703.622009 -991.325989
VehDyn_MinOriset_HwDeg_M_t32 VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.4000001
VehDyn_PinTrqSV_M_str.K_Uls_f32	-5.400000T 0.000388999993
VehDyn SLPHwAuth Uls M f32	0.0460000001
VehDyn SLPHwPos HwDeg M f32	-901.72998
VehDyn_SrlHwAgVldTimer_mS_M_u32	2728878080
k_HiSpdVDAuthority_Uls_f32	1
k_HwTqMgnThd_HwNm_f32	0.00120000006
k_LoSpdVDAuthority_Uls_f32	0
k_SrlHwAgVldTiThd_mS_u32	987
k_SysKinRatio_MtrDegpHwDeg_f32	75.0999985
k_TravelXCDeadband_Uls_f32	97.7300034
k_TravelXCHwAuthority_Uls_f32	0.0974749997
target_DtrmnElapsedTime_mS_u32_ElapsedTime	569984000
target_GetSystemTime_mS_u32_CurrentTime	1759885568
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_ElapseDTime\_mS\_u33\_ElapseD$	1050692864
	2728878080
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	2/200/0000





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDe	eg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_Hw	Nm f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_	MtrRadpS f32	
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target_VehDyn_Per1_RelHwPos_Hw		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAutl		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target VehDyn Per1 SensorlessHwl		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_C	int lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwD		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCR	RF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeed\	/alid_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_	Kph f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1018.72998		
target VehDyn Per1 CwEOT HwDeg f32.value	1106.00903		
target VehDyn Per1 HwTorque HwNm f32.value	-4		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1009.29999		
target VehDyn Per1 RelHwPos HwDeg f32.value	710.950012		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-901.72998		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.900001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	123.449997		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1	1	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707	3589476707	_
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004656	4004004656 710.950012 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	710.950012 710.950012		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32		710.950012 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc			_
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1759885568	1759885568	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656	4004004656	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	710.950012	710.950012 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	710.950012	710.950012 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>V</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>V</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1759885568	1759885568	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	710.950012	710.950012 ± 0.0009	<b>V</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	710.950012	710.950012 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>V</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>V</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>*</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>~</b>
VehDyn_MaxOffset_HwDeg_M_f32	1106.00903	1106.00903	~
VehDyn_MinOffset_HwDeg_M_f32	-1018.72998	-1018.72998	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.39943027	-5.3994298 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2728878080	2728878080	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.0460000001	0.0460000001 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-190.779968	-190.779999 ± 0.1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDyn Per1 CP1 ChecknointReached	1	Rte Call VehDvn Per1 CP1 ChecknointReached	1	9

Test Step 2.72 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime

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Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	94.8000031
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	226.800003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.80000019
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.8000031
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00078599999
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-714.090027
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00078599999
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	100
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	166.100006
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	56.2000008
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000574000005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584786
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1.
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	94.4000015
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	226.5
VehDyn AutoCntrLoSpd M str.FiltPinTrq HwNm f32	8.39999962
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.5
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53970
	52282
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3796740682
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.22000009e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00078599999
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1200.5
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	708.614014
VehDyn MinOffset HwDeg M f32	-984.642029
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.599999
/ehDyn_PinTrqSV_M_str.K_UIs_f32	0.000390000001
VehDyn SLPHwAuth Uls M f32	0.063000001
VehDyn_SLPHwPos_HwDeg_M_f32	-891.469971
VehDyn_SrlHwAgVldTimer_mS_M_u32	824746752
k_HiSpdVDAuthority_Uls_f32	0.879999995
k_HwTqMgnThd_HwNm_f32	1.10000002
k_LoSpdVDAuthority_Uls_f32	1
k_SrlHwAgVldTiThd_mS_u32	16445
k_SysKinRatio_MtrDegpHwDeg_f32	97.0999985
k_TraveIXCDeadband_Uls_f32	99.1699982
k_TravelXCHwAuthority_Uls_f32	0.0987000018
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1720406272

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Name	Input Value		
target_GetSystemTime_mS_u32_CurrentTime	1662097408		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTi			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	824746752		
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg f32	target VehDyn Per1 CwEOT HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3.		
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessAuthority Uls f32	target_VehDyn_Per1_SensorlessAuthority_L		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw		
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAgVld Cnt Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	0_	
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAg HwDeg f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	m f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3.		
target VehDyn Per1 CcwEOT HwDeg f32.value	-1012.46997		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1116.91602		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.400024		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-714.090027		
target VehDyn Per1 SrlHwAgVld Cnt Igc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-891.469971		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999		
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	56.6539993		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M lgc	1	1	✓ ×
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682	3796740682	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631	4211268631	_
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1662097408	1662097408	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631	4211268631	_
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	_
VehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	_
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	1	1	~
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Iqc	0	0	_
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3796740682	3796740682	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631	4211268631	_
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	~
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-714.090027	-714.090027 ± 0.0009	_
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	_
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0	0	_
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>V</b>
VehDyn Initialize Cnt M Igc	1	1	-
VehDyn_Initialize_Cit_Wi_gc  VehDyn_LoSpdLearnt Cnt M lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	1116.91602	1116.91602	
VehDyn MinOffset HwDeg M f32	-1012.46997	-1012.46997	<b>V</b>
VehDyn PinTrqSV M str.SV Uls f32	7.59978819	7.59978867 ± 0.000009	-
VehDyn SrlHwAgVIdTimer mS M u32	824746752	824746752	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	486.409973	486.410004 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	-
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	_



Test Step 2.73 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn
VehDyn AllowHiSpdAutoCntr Cnt M Igc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	44.5999985
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.600006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.5999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	12.6000004
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	5235
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	110.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000788000005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	110.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000788000005
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	123
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	42.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	110.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00057600002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	110.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000566000002
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	44.5600014
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	166.410004
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.25
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.3999996
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	110.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.26000003e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	110.5 0.000788000005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VenDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_igc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AdioChirLospd_M_str.Filter2fffiltalized_Chir_lgc  VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterErlabled_Crit_M_igc  VehDyn_ForceCenterOffset_HwDeg_M_f32	-1100.58997
VehDyn HiSpdLearnt Cnt M Igc	1
VehDyn Initialize Cnt M Igc	1
VehDyn_Initialize_Cit_M_gc  VehDyn LoSpdLearnt Cnt M lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	713.606018
VehDyn_MinOffset_HwDeg_M_f32	-977.958008
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000391000009
VehDyn_SLPHwAuth_Uls_M_f32	0.079999982
VehDyn_SLPHwPos_HwDeg_M_f32	-881.210022
VehDyn_SrlHwAgVldTimer_mS_M_u32	309385728
k_HiSpdVDAuthority_UIs_f32	0
k HwTqMgnThd HwNm f32	2.0999999
k_LoSpdVDAuthority_UIs_f32	1
k_SrlHwAgVldTiThd_mS_u32	32
k_SysKinRatio_MtrDegpHwDeg_f32	10.3000002
_ ,	

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Name	Input Value		
k_TravelXCDeadband_Uls_f32	98.1399994		
k_TravelXCHwAuthority_Uls_f32	0.0999249965		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4077829376		
target_GetSystemTime_mS_u32_CurrentTime	1117112832		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_Elapse$	1316564736		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	309385728		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3:	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1006.21002		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1127.823		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	8.02999973		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154.399994		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	110.5		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-881.210022 -4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	245.410004		
Name	Actual Value	Funanted Volum	Danulé
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1117112832	1117112832	-
VehDyn_AutoCntrDetSpd_M_str.Timer1_m3_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784	2967684784	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	110.5	110.5 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	110.5	110.5 ± 0.0009	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835	2553156835	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784	2967684784	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	110.5	110.5 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	110.5	110.5 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835	2553156835	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784	2967684784	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	110.5	110.5 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	110.5	110.5 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
Valabora Marcoffe et Illinoe et Marco			<b>_</b>
VehDyn_MaxOffset_HwDeg_M_f32	713.606018	713.606018	
VehDyn_MinOffset_HwDeg_M_132 VehDyn_MinOffset_HwDeg_M_52	713.606018 -977.958008	713.606018 -977.958008	•
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	-977.958008 -1.59640932	-977.958008 -1.59640932 ± 0.000009	-
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32 VehDyn_SrlHwAgVldTimer_mS_M_u32	-977.958008 -1.59640932 309385728	-977.958008 -1.59640932 ± 0.000009 309385728	-
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	-977.958008 -1.59640932	-977.958008 -1.59640932 ± 0.000009	-

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~



Test Step 2.74 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	126.099998
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	236.100006
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	32.0999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20423
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	31368
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00079000002
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00079000002
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	176
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	54.0999985
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20423
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31368
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000577999977
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000907999987
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	126.199997
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	236.300003
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.30000019
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32.2999992
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	20423
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	31368
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.2999998e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00079000002
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_ForceCenterEnabled_Cnt_M_lgc	0
/ehDyn_ForceCenterOffset_HwDeg_M_f32	-1000.67999
/ehDyn_HiSpdLearnt_Cnt_M_lgc	0
ehDyn_Initialize_Cnt_M_lgc	1
/ehDyn_LoSpdLearnt_Cnt_M_lgc	0
/ehDyn_MaxOffset_HwDeg_M_f32	15.6000004
/ehDyn_MinOffset_HwDeg_M_f32	16.7000008
ehDyn_PinTrqSV_M_str.SV_UIs_f32	1.5
/ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000391999987
/ehDyn_SLPHwAuth_Uls_M_f32	0.0970000029
/ehDyn_SLPHwPos_HwDeg_M_f32	-870.950012
/ehDyn_SrlHwAgVldTimer_mS_M_u32	2659241984
x_HiSpdVDAuthority_Uls_f32	1
c_HwTqMgnThd_HwNm_f32	3.0999999
<ul><li>LoSpdVDAuthority_Uls_f32</li></ul>	0
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Name	Input Value		
k_SysKinRatio_MtrDegpHwDeg_f32	86.5		
k_TravelXCDeadband_Uls_f32	97.1100006		
k_TravelXCHwAuthority_Uls_f32	0.101149999		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2659241984		
target_GetSystemTime_mS_u32_CurrentTime	2127166208		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT	2075080192		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target Rte Inst Ap VehDyn.VehDyn Per1 HwTorque HwNm f32	target_VehDyn_Per1_HwTorque_HwNm_f3	2	
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_UIs_f32	target_VehDyn_Per1_SensorlessAuthority_		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	1509_102	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mtrl		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_C		
target_Rte_Inst_Ap_vehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3		
target_Kte_Irist_Ap_venDyn_VenDyn_Pen_venIcteSpeed_Kpn_isz target_VehDyn_Pen1_CcwEOT_HwDeg_f32.value	-999.950012	<i>1</i> 2	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1138.72998		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	8.53999996		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-456.899994		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1014.73999		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-870.950012		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	42.3600006	1	
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886	2138628886	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024	1024	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2127166208	2127166208	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024	1024	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2127166208	2127166208	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024	1024	
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1014.73999	-1014.73999 ± 0.009	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc	0	0	
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt.lqc	1	1	
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	
VehDyn Initialize Cnt M Igc	1	1	
	0	0	
VehDyn_LoSpdLearnt_Cnt_M_lgc		1	•
	45 6000004	15.6000004	· · · · · · · · · · · · · · · · · · ·
VehDyn_MaxOffset_HwDeg_M_f32	15.6000004		
VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	16.7000008	16.7000008	
VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	16.7000008 1.50272346	16.7000008 1.50272346 ± 0.000009	
VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32 VehDyn_SrlHwAgVldTimer_mS_M_u32	16.7000008 1.50272346 2659241984	16.7000008 1.50272346 ± 0.000009 2659241984	
VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	16.7000008 1.50272346	16.7000008 1.50272346 ± 0.000009	



Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Fest Step 2.75 (Repeat Count = 1)	Innuit Value
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	124.599998
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	246.600006
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.6000004
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.5999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	39056
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892860
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-284.299988
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791999977
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-284.299988
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791999977
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	78.1999969
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	156.199997
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3.20000005
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	85
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	7034
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	39056
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4294967295
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-284.299988
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000579999993
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-284.299988
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000151999993
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	124.300003
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	246.199997
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.2999992
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.2999992
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	7034
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	39056
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892860
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-284.299988
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.33999992e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-284.299988
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791999977
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_ForceCenterEnabled_Cnt_M_lgc	1
/ehDyn_ForceCenterOffset_HwDeg_M_f32	-900.77002
/ehDyn_HiSpdLearnt_Cnt_M_lgc	1
/ehDyn_Initialize_Cnt_M_lgc	0

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Name	Input Value		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	-723.590027		
VehDyn_MinOffset_HwDeg_M_f32	-964.590027		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1.60000002 0.000392999995		
VehDyn_PinTrqSV_M_str.K_UIs_f32 VehDyn_SLPHwAuth_UIs_M_f32	0.000392999995		
VehDyn_SLPHwPos_HwDeg_M_f32	-860.690002		
VehDyn_SrlHwAgVldTimer_mS_M_u32	2942063360		
k_HiSpdVDAuthority_Uls_f32	0		
k_HwTqMgnThd_HwNm_f32	4.0999999		
k LoSpdVDAuthority Uls f32	1		
k SrlHwAgVldTiThd mS u32	91986		
k SysKinRatio MtrDegpHwDeg f32	42		
k TravelXCDeadband Uls f32	96.0800018		
k_TravelXCHwAuthority_Uls_f32	0.102375001		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2942063360		
target_GetSystemTime_mS_u32_CurrentTime	4243378688		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_ElapseDTime\_mS\_u33\_ElapseD$	954802432		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	2942063360		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3 -993.690002	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1149.63696		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	9.05000019		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-900.299988		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-284.299988		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-860.690002		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value			
	7.80000019		
	7.80000019 1		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value			
target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value	1	Expected Value	Result
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name	1 52.7400017	Expected Value	Result
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1 52.7400017 Actual Value	•	Result
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name	1 52.7400017 <b>Actual Value</b> 0	0	~
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1 52.7400017 <b>Actual Value</b> 0 4243378688	0 4243378688	~
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1 52.7400017 <b>Actual Value</b> 0 4243378688 54822322	0 4243378688 54822322	•
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 52.7400017 <b>Actual Value</b> 0 4243378688 54822322 -284.299988	0 4243378688 54822322 -284.299988 ± 0.0009	•
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1 52.7400017 <b>Actual Value</b> 0 4243378688 54822322 -284.299988 -284.299988	0 4243378688 54822322 -284.299988 ± 0.0009 -284.299988 ± 0.0009	
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1 52.7400017 <b>Actual Value</b> 0 4243378688 54822322 -284.299988 -284.299988	0 4243378688 54822322 -284.299988 ± 0.0009 -284.299988 ± 0.0009 0	0
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1 52.7400017 <b>Actual Value</b> 0 4243378688 54822322 -284.299988 -284.299988 0	0 4243378688 54822322 -284.299988 ± 0.0009 -284.299988 ± 0.0009 0	0
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1 52.7400017 <b>Actual Value</b> 0 4243378688 54822322 -284.299988 -284.299988 0	0 4243378688 54822322 -284.299988 ± 0.0009 -284.299988 ± 0.0009 0 1	0
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1 52.7400017 <b>Actual Value</b> 0 4243378688 54822322 -284.299988 -284.299988 0 0	0 4243378688 54822322 -284.299988 ± 0.0009 0 0 1 1 1 4294967295 54822322	
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1	0 4243378688 54822322 -284.299988 ± 0.0009 0 0 1 1 4294967295 54822322 -284.299988 ± 0.0009	
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1	0 4243378688 54822322 -284.299988 ± 0.0009 0 0 1 1 4294967295 54822322 -284.299988 ± 0.0009 -284.299988 ± 0.0009	
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	0 4243378688 54822322 -284.299988 ± 0.0009 0 0 1 1 1 4294967295 54822322 -284.299988 ± 0.0009 -284.299988 ± 0.0009 1	
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	0 4243378688 54822322 -284.299988 ± 0.0009 0 0 1 1 4294967295 54822322 -284.299988 ± 0.0009 -284.299988 ± 0.0009 1 1	
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	0 4243378688 54822322 -284.299988 ± 0.0009 0 0 1 1 4294967295 54822322 -284.299988 ± 0.0009 -284.299988 ± 0.0009 1 1 1 1	
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Sit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFit12SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	0 4243378688 54822322 -284.299988 ± 0.0009 0 0 1 1 4294967295 54822322 -284.299988 ± 0.0009 -284.299988 ± 0.0009 1 1 1 1 0	
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	0 4243378688 54822322 -284.299988 ± 0.0009 0 0 1 1 1 4294967295 54822322 -284.299988 ± 0.0009 -284.299988 ± 0.0009 1 1 1 1 0 2345892860	
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target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	0 4243378688 54822322 -284.299988 ± 0.0009 0 0 1 1 4294967295 54822322 -284.299988 ± 0.0009 1 1 1 0 2345892860 54822322 -284.299988 ± 0.0009 -284.299988 ± 0.0009 1 1 0 0 0	
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	0 4243378688 54822322 -284.299988 ± 0.0009 0 0 1 1 4294967295 54822322 -284.299988 ± 0.0009 1 1 1 0 2345892860 54822322 -284.299988 ± 0.0009 -284.299988 ± 0.0009 1 1 0 0 1 0 1 0 1	
target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_Au	1	0 4243378688 54822322 -284.299988 ± 0.0009 0 0 1 1 4294967295 54822322 -284.299988 ± 0.0009 1 1 1 0 2345892860 54822322 -284.299988 ± 0.0009 -284.299988 ± 0.0009 1 1 0 0 1 1 1 1 0 1 0 1 1 1 0 1 0 1	
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc	1	0 4243378688 54822322 -284.299988 ± 0.0009 -284.299988 ± 0.0009 0 1 1 4294967295 54822322 -284.299988 ± 0.0009 1 1 1 0 2345892860 54822322 -284.299988 ± 0.0009 -284.299988 ± 0.0009 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value  target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_LoSpdLearnt_Cnt_M_lgc  VehDyn_LoSpdLearnt_Cnt_M_lgc	1	0 4243378688 54822322 -284.299988 ± 0.0009 -284.299988 ± 0.0009 0 1 1 4294967295 54822322 -284.299988 ± 0.0009 1 1 1 0 2345892860 54822322 -284.299988 ± 0.0009 -284.299988 ± 0.0009 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1	
target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_Igc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc	1	0 4243378688 54822322 -284.299988 ± 0.0009 -284.299988 ± 0.0009 0 1 1 4294967295 54822322 -284.299988 ± 0.0009 1 1 1 0 2345892860 54822322 -284.299988 ± 0.0009 -284.299988 ± 0.0009 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	





Name	Actual Value	Expected Value	Result
VehDyn_SrlHwAgVldTimer_mS_M_u32	2942063360	2942063360	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	616.470032	616.469971 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	•
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	<b>~</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lame	Input Value
trmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
tetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
te_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
te_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	456.5
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.5
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.5
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	41.5
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	26195
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22037
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	109643620
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.78003
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000793999992
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.78003
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000793999992
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	88.5
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	166.199997
ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	5.0999999
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.1999969
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	29076
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	43868
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	255468
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	109643620
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.78003
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000582000008
	1259.78003
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000155999995
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	456
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	52.2999992
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.1999998
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.2999992
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	26195
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22037
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	109643620
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.78003
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.37999986e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.78003
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000793999992
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	1
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn ForceCenterEnabled Cnt M Igc	0
ehDyn ForceCenterOffset HwDeq M f32	-800.859985

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Name	Input Value		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	728.58197		
VehDyn_MinOffset_HwDeg_M_f32	-957.906006		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.8000002		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000394000002		
VehDyn_SLPHwAuth_Uls_M_f32	0.130999997		
VehDyn_SLPHwPos_HwDeg_M_f32	-850.429993		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1117112832		
k_HiSpdVDAuthority_UIs_f32	1		
k_HwTqMgnThd_HwNm_f32	5.0999999		
k_LoSpdVDAuthority_Uls_f32	0		
k_SrlHwAgVldTiThd_mS_u32	12 4000004		
k_SysKinRatio_MtrDegpHwDeg_f32 k_TravelXCDeadband_Uls_f32	95.0500031		
k_TraveIXCHwAuthority_Uls_f32	0.103600003		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1117112832		
target GetSystemTime mS u32 CurrentTime	1050692864		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target VehDyn Per1 CcwEOT HwDeg f32		
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32	target VehDyn Per1 MotorVelCRF MtrRadg	oS f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32	_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	ls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNi	m_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cn	t_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-987.429993		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1160.54395		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	9.56000042		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	800.200012		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1259.78003		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-850.429993		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	3.20000005		
towart VohDun Dard VohialaCanadVolid Cat Ira value	0		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	128 830006		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	128.839996	Expected Value	Pocult
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name	128.839996 Actual Value	Expected Value	Result
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	128.839996 <b>Actual Value</b> 1	1	Result
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	128.839996  Actual Value 1 2553156835	1 2553156835	Result
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	128.839996  Actual Value  1 2553156835 109643620	1 2553156835 109643620	Result
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	128.839996  Actual Value  1 2553156835 109643620 1259.78003	1 2553156835 109643620 1259.78003 ± 0.009	Result
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	128.839996  Actual Value  1 2553156835 109643620 1259.78003 1259.78003	1 2553156835 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009	\ \ \ \
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	128.839996  Actual Value  1 2553156835 109643620 1259.78003 1259.78003	1 2553156835 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009	Result
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	128.839996  Actual Value  1 2553156835 109643620 1259.78003 1259.78003 1	1 2553156835 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 1	\ \ \ \
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	128.839996  Actual Value  1 2553156835 109643620 1259.78003 1259.78003	1 2553156835 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009	\(\frac{1}{2}\)
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	128.839996  Actual Value  1 2553156835 109643620 1259.78003 1259.78003 1 1	1 2553156835 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 1	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	128.839996  Actual Value  1 2553156835 109643620 1259.78003 1259.78003 1 1 0	1 2553156835 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 1 1	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	128.839996  Actual Value  1 2553156835 109643620 1259.78003 1259.78003 1 1 0 0 1050692864	1 2553156835 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 1 1 0 0	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	128.839996  Actual Value  1 2553156835 109643620 1259.78003 1 1 0 0 1050692864 109643620	1 2553156835 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 1 1 0 0 0 1050692864 109643620	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	128.839996  Actual Value  1 2553156835 109643620 1259.78003 1 1 0 0 1050692864 109643620 1259.78003	1 2553156835 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 1 1 0 0 1050692864 109643620 1259.78003 ± 0.009	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Fiiter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32	128.839996  Actual Value  1 2553156835 109643620 1259.78003 1 1 0 0 1050692864 109643620 1259.78003 1259.78003 1259.78003	1 2553156835 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 1 1 0 0 1050692864 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Fiiter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc	128.839996  Actual Value  1 2553156835 109643620 1259.78003 1 1 0 0 1050692864 109643620 1259.78003 1259.78003 1259.78003	1 2553156835 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 1 1 1 0 0 1050692864 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 1259.78003 ± 0.009 0	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Fiiter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Fiiter2Enable_Cnt_lgc	128.839996  Actual Value  1 2553156835 109643620 1259.78003 1 1 0 0 1050692864 109643620 1259.78003 1259.78003 1259.78003 0 0	1 2553156835 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 1 1 1 0 0 0 1050692864 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Fiiter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Fiiter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Fiiter2Enable_Cnt_lgc	128.839996  Actual Value  1 2553156835 109643620 1259.78003 1 1 0 0 1050692864 109643620 1259.78003 1259.78003 1259.78003 0 0 0	1 2553156835 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 1 1 1 0 0 0 1050692864 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Fiiter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Fiiter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Fiiter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc	128.839996  Actual Value  1 2553156835 109643620 1259.78003 1 1 0 0 1050692864 109643620 1259.78003 1259.78003 1259.78003 0 0 0 1	1 2553156835 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 1 1 1 0 0 0 1050692864 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 0 0 0 0 1	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	128.839996  Actual Value  1 2553156835 109643620 1259.78003 1 1 0 0 1050692864 109643620 1259.78003 0 0 1 1050692864 109643620 1259.78003 0 0 1	1	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	128.839996  Actual Value  1 2553156835 109643620 1259.78003 1 1 0 0 0 1050692864 109643620 1259.78003 0 0 1 1 1050692864 109643620	1	
Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	128.839996  Actual Value  1 2553156835 109643620 1259.78003 1259.78003 1 1 0 0 1050692864 109643620 1259.78003 0 0 1 1050692864 109643620 1259.78003 0 0 1 1050692864 109643620 1259.78003 0 0 0 1	1	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	128.839996  Actual Value  1 2553156835 109643620 1259.78003 1259.78003 1 1 0 0 1050692864 109643620 1259.78003 0 0 0 1 11050692864 109643620 1259.78003 0 0 1 11050692864 109643620 1259.78003 1259.78003 1259.78003	1 2553156835 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 1 1 0 0 1050692864 109643620 1259.78003 ± 0.009 0 0 1 11050692864 109643620 1259.78003 ± 0.009 0 0 1 1050692864 109643620 1259.78003 ± 0.009 1 1050692864 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 1259.78003 ± 0.009	
Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	128.839996  Actual Value  1 2553156835 109643620 1259.78003 1259.78003 1 1 0 0 1050692864 109643620 1259.78003 0 0 1 1 1050692864 109643620 1259.78003 0 0 1 1 1050692864 109643620 1259.78003 0 1 1 1050692864 109643620 1259.78003	1 2553156835 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 1 1 0 0 1050692864 109643620 1259.78003 ± 0.009 0 0 1 11050692864 109643620 1259.78003 ± 0.009 0 0 1 1050692864 109643620 1259.78003 ± 0.009 1 1050692864 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	128.839996  Actual Value  1 2553156835 109643620 1259.78003 1259.78003 1 1 0 0 1050692864 109643620 1259.78003 0 0 1 1 1050692864 109643620 1259.78003 0 0 1 1 1050692864 109643620 1259.78003 0 1 1 1050692864 109643620 1259.78003 0 1 1 1	1 2553156835 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 1 1 0 0 1050692864 109643620 1259.78003 ± 0.009 0 0 1 1 1050692864 109643620 1259.78003 ± 0.009 0 0 1 1 1050692864 109643620 1259.78003 ± 0.009 0 1 1 1050692864 109643620 1259.78003 ± 0.009 0 1 1 1050692864 109643620 1259.78003 ± 0.009	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter3Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_HiSpdLearnt_Cnt_M_lgc	128.839996  Actual Value  1 2553156835 109643620 1259.78003 1259.78003 1 1 0 0 1050692864 109643620 1259.78003 0 0 1 1 1050692864 109643620 1259.78003 0 0 1 1 1050692864 109643620 1259.78003 0 0 1 1 1050692864 109643620 1259.78003 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2553156835 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 1 1 0 0 1050692864 109643620 1259.78003 ± 0.009 0 0 1 1 1050692864 109643620 1259.78003 ± 0.009 0 0 1 1 1050692864 109643620 1259.78003 ± 0.009 0 1 1 1050692864 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 0 1 1 1 0 0	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_Initialize_Cnt_M_lgc	128.839996  Actual Value  1 2553156835 109643620 1259.78003 1259.78003 1 1 0 0 1050692864 109643620 1259.78003 0 0 1 1 1050692864 109643620 1259.78003 0 0 1 1 1050692864 109643620 1259.78003 1259.78003 0 0 1 1 0 0 1 1 0 0 1	1 2553156835 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 1 1 0 0 1050692864 109643620 1259.78003 ± 0.009 0 0 1 1050692864 109643620 1259.78003 ± 0.009 0 1 1 1050692864 109643620 1259.78003 ± 0.009 0 1 1 1050692864 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 1259.78003 ± 0.009	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	128.839996  Actual Value  1 2553156835 109643620 1259.78003 1259.78003 1 1 0 0 1050692864 109643620 1259.78003 0 0 1 1 1050692864 109643620 1259.78003 0 0 1 1 1050692864 109643620 1259.78003 0 0 1 1 1050692864 109643620 1259.78003 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2553156835 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 1 1 0 0 1050692864 109643620 1259.78003 ± 0.009 0 0 1 1 1050692864 109643620 1259.78003 ± 0.009 0 0 1 1 1050692864 109643620 1259.78003 ± 0.009 0 1 1 1050692864 109643620 1259.78003 ± 0.009 1259.78003 ± 0.009 0 1 1 1 0 0	





Name	Actual Value	Expected Value	Result
VehDyn_MinOffset_HwDeg_M_f32	-987.429993	-987.429993	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.7902985	-14.7902975 ± 0.00009	<b>✓</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	1117112832	1117112832	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.130999997	0.130999997 ± 0.004	<b>✓</b>
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	409.350037	409.350006 ± 0.1	<b>✓</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

ame	Input Value
trmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
etSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
te_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
te Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn AllowHiSpdAutoCntr Cnt M Igc	0
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	0
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	0
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0
ehDyn_AutoCntrDetSpd_w_str.CntrWindow HwDeg f32	0
- ,	0
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0
, = , = = = = = =	0
hDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0
hDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2.51327106e-006 -1600
hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006 0
hDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	
hDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
hDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
hDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	0
hDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	0
hDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0
hDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	0
hDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	0
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	0
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
hDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
hDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
hDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
hDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	0
hDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0
hDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	0
hDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	0
hDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0
hDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	0
hDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0
hDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0
hDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
hDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1600		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	-2840		
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-18.7999992 2.51327106e-006		
VehDyn_PinTrqSV_M_str.K_Uls_f32 VehDyn_SLPHwAuth_Uls_M_f32	0		
VehDyn_SLPHwPos_HwDog_M_f32	-1600		
VehDyn SrlHwAgVldTimer mS M u32	0		
k HiSpdVDAuthority UIs f32	0		
k HwTqMgnThd HwNm f32	0		
k_LoSpdVDAuthority_Uls_f32	0		
k_SrlHwAgVldTiThd_mS_u32	0		
k_SysKinRatio_MtrDegpHwDeg_f32	1		
k_TravelXCDeadband_Uls_f32	0		
k_TravelXCHwAuthority_UIs_f32	0		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	0		
target_GetSystemTime_mS_u32_CurrentTime	0		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_Elapsed$	ī 0		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u33\_CurrentTim$	0		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRac	lpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_l		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_C		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3 -1440.10999	6 <b>2</b>	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value	360		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-10		
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	-1118		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1600		
target VehDyn Per1 SrlHwAgVld Cnt Igc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1600		
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	-8.80000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	0		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M Igc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0	0	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0	0	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	_
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>•</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0	0	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	<b>Y</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrl_oSpd_M_str.Filter2Enable_Cnt_lgc	0	0	Ž
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
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Name	Actual Value	Expected Value	Result
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	✓
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	✓
VehDyn_MaxOffset_HwDeg_M_f32	360	360	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999	-1440.10999	✓
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-18.7999992	-18.7999992 ± 0.00009	<b>✓</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	0	0	✓
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0	0 ± 0.004	✓
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	<b>~</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lame	Input Value
trmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
etSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
te_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
tte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_Buttilicapsed time_mS_u32_Liapsed time target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_VehDyn ehDyn AllowHiSpdAutoCntr Cnt M Igc	target_Rte_Inst_Ap_VehDyn 1
7 - 7	700
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	255
, = - , = , = , = ,	20
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	100
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	60000
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	60000
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4294967295
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584786
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584786
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	700
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	255
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	20
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	100
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	60000
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	60000
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4294967295
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4294967295
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584786
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584786
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	700
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	255
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	20
hDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	100
hDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	60000
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	60000
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4294967295
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584786
ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1600
ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.00125584786

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn ForceCenterEnabled Cnt M Igc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	1600		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	1440.10999		
VehDyn_MinOffset_HwDeg_M_f32	2840		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	18.7999992		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00125584786		
VehDyn_SLPHwAuth_Uls_M_f32	1		
VehDyn_SLPHwPos_HwDeg_M_f32	1600		
VehDyn_SrlHwAgVIdTimer_mS_M_u32	4294967295		
k_HiSpdVDAuthority_UIs_f32	1 10		
k_HwTqMgnThd_HwNm_f32 k_LoSpdVDAuthority_Uls_f32	1		
k_srlHwAgVldTiThd_mS_u32	100000		
k SysKinRatio MtrDegpHwDeg f32	100		
k TravelXCDeadband Uls f32	100		
k TravelXCHwAuthority Uls f32	1		
target DtrmnElapsedTime mS u32 ElapsedTime	4294967295		
target_GetSystemTime_mS_u32_CurrentTime	4294967295		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3:	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRac	lpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	Jls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_C		
target_Rte_Inst_Ap_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-360		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1440.10999		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	10		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1118 1600		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	1600		
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	8.80000019		
target VehDyn Per1 VehicleSpeedValid Cnt lqc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	511		
Name	Actual Value	Expected Value	Resu
VehDyn AllowHiSpdAutoCntr Cnt M Iqc	1	1	.1000
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	4294967295	4294967295	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295	4294967295	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1600	1600 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	
	1.	1.	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1 4294967295	1 4294967295	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4294967295	4294967295	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	4294967295 4294967295 1600	4294967295 4294967295 1600 ± 0.009 1600 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	4294967295 4294967295 1600 1600	4294967295 4294967295 1600 ± 0.009 1600 ± 0.009 0	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	4294967295 4294967295 1600 1600 0	4294967295 4294967295 1600 ± 0.009 1600 ± 0.009 0	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	4294967295 4294967295 1600 1600 0 1	4294967295 4294967295 1600 ± 0.009 1600 ± 0.009 0 1	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	4294967295 4294967295 1600 1600 0 1 1	4294967295 4294967295 1600 ± 0.009 1600 ± 0.009 0 1	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4294967295 4294967295 1600 1600 0 1 1 1 4294967295	4294967295 4294967295 1600 ± 0.009 1600 ± 0.009 0 1 1 1 4294967295	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295 4294967295 1600 1600 0 1 1 1 4294967295 4294967295	4294967295 4294967295 1600 ± 0.009 1600 ± 0.009 0 1 1 1 4294967295 4294967295	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	4294967295 4294967295 1600 0 1 1 1 1 4294967295 4294967295 1600	4294967295 4294967295 1600 ± 0.009 1600 ± 0.009 0 1 1 1 4294967295 4294967295 1600 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295 4294967295 1600 1600 0 1 1 1 4294967295 4294967295	4294967295 4294967295 1600 ± 0.009 1600 ± 0.009 0 1 1 1 4294967295 4294967295	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	-159.890015	-159.889999	~
VehDyn_MinOffset_HwDeg_M_f32	2840	2840	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	18.7890587	18.7890587 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	4294967295	4294967295	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0	0 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lame	Input Value
htmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime
tte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc	
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	126.09998
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	236.100006 4.099999
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	32.0999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20423
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	31368
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
'ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00079000002
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00079000002
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	176
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	54.0999985
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20423
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31368
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000577999977
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000907999987
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
'ehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	0
'ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	1
ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	126.199997
ehDyn AutoCntrLoSpd M str.VehSpd kph f32	236.300003
ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	4.30000019
ehDyn_AutoCntrLoSpd_M_str.CntrWindow HwDeg f32	32.2999992
ehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	20423
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	31368
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024
enbyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999
ehDyn_AutoCntrLoSpd_M_str.ReinwPosFilt1SV_nwbeg_str.Sv_ois_i32  /ehDyn_AutoCntrLoSpd_M_str.ReinwPosFilt1SV_hwbeg_str.K_Uls_f32	5.2999998e-005

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venDyn_Peri			ACILAID
Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00079000002		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1000.67999		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	15.6000004		
VehDyn_MinOffset_HwDeg_M_f32	16.7000008		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.5		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000391999987		
VehDyn_SLPHwAuth_Uls_M_f32	0.0970000029		
VehDyn_SLPHwPos_HwDeg_M_f32	-870.950012		
VehDyn_SrlHwAgVldTimer_mS_M_u32	2659241984		
k_HiSpdVDAuthority_Uls_f32	1		
k_HwTqMgnThd_HwNm_f32	3.0999999		
k_LoSpdVDAuthority_UIs_f32	0		
k_SrlHwAgVldTiThd_mS_u32	4891		
k_SysKinRatio_MtrDegpHwDeg_f32	86.5		
k_TravelXCDeadband_Uls_f32	97.1100006		
k_TravelXCHwAuthority_Uls_f32	0.101149999		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2659241984 2127166208		
target_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_rte_cair_xp_venbyn_system+line_detsystem+line_ins_usz_current+line target_rte_lnst_Ap_venbyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_rte_inst_Ap_venbyn.venbyn_Per1_EwEo1_nwbeg_i32 target_Rte_Inst_Ap_Venbyn.Vehbyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3	9	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRac		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	.Dogoz	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target VehDyn Per1 TorqueCmdCRF Mtrl		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target VehDyn Per1 VehicleSpeedValid C	_	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target VehDyn Per1 VehicleSpeed Kph f3		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-999.950012		
target VehDyn Per1 CwEOT HwDeg f32.value	1138.72998		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	8.53999996		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-456.899994		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1014.73999		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-870.950012		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	42.3600006		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	-
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886	2138628886	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024	1024	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	-
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2127166208	2127166208	•
VehDvn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024	1024	<b>✓</b>

Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886	2138628886	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024	1024	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2127166208	2127166208	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024	1024	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2127166208	2127166208	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024	1024	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	•





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	15.6000004	15.6000004	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	16.7000008	16.7000008	✓
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.50272346	1.50272346 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2659241984	2659241984	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.0970000029	0.0970000029 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.80 (Repeat Count = 1)	Input Value
OtrmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn /ehDyn AllowHiSpdAutoCntr Cnt M lgc	target_Rte_Inst_Ap_VehDyn
7 - 7	
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	0
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	0
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	0
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	0
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	0
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	0
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	0
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	0
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	0
/ehDyn AutoCntrHiSpd M str.Timer1 mS u32	0
/ehDyn AutoCntrHiSpd M str.Timer2 mS u32	0
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1600
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	2.51327106e-006
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
'ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	2.51327106e-006
/ehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	0
/ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	0
ehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	0
ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0
/ehDyn_AutoOntr\nopu_M_str\nitr\ell MtrRadpS f32	0
ehDyn_AutoChtrLoSpd_M_str.VehSpd_kph_f32	0
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	0
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	0
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0
	0
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	U

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600		
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	2.51327106e-006		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600		
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	2.51327106e-006		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc			
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1600		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	-2840		
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-18.7999992		
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51327106e-006		
VehDyn_SLPHwAuth_Uls_M_f32	0		
VehDyn SLPHwPos HwDeg M f32	-1600		
	0		
VehDyn_SrlHwAgVldTimer_mS_M_u32			
k_HiSpdVDAuthority_UIs_f32	0		
k_HwTqMgnThd_HwNm_f32	0		
k_LoSpdVDAuthority_Uls_f32	0		
k_SrlHwAgVldTiThd_mS_u32	0		
k_SysKinRatio_MtrDegpHwDeg_f32	1		
k_TravelXCDeadband_Uls_f32	0		
k_TravelXCHwAuthority_Uls_f32	0		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	0		
target GetSystemTime mS u32 CurrentTime	0		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi	0		
target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target VehDyn Per1 CcwEOT HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3:		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	lls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	/Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	m_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr	nt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3:		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1440.10999		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	360		
target VehDyn Per1 HwTorque HwNm f32.value	-10		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1118		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1600		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1600		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.80000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	0		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	0	0	~
, _ ,	0	0	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32			-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	<b>V</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	<b>V</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0	0	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	-
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc			-
		0	<b>✓</b>
	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>V</b>
	0		<b>V</b>



Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0	0	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	360	360	~
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999	-1440.10999	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-18.7999992	-18.7999992 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	0	0	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0	0 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	<b>✓</b>

Test Step 2.81 (Repeat Count = 1)	
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	34.1399994
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	86.0999985
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.4000001
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	25.3999996
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20423
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	31368
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1078320779
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	383750110
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1361.30005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00080400001
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1361.30005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00080400001
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	566
ehDyn AutoCntrHiSpd M str.VehSpd kph f32	216
ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	1.10000002
ehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	88.4000015
ehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	53970
ehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	52282
ehDyn AutoCntrHiSpd M str.Timer1 mS u32	1078320779
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	383750110
ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1361.30005
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000592000026
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1361.30005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32	0.000176000001
ehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	0
ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0
ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	700
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	86,3000031
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.3000001
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.199969

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27074		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1078320779		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	383750110		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1361.30005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.57999992e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1361.30005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00080400001		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-301.309998		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	753.541992		
VehDyn MinOffset HwDeg M f32	-924.486023		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	3.20000005		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000399000011		
VehDyn_SLPHwAuth_Uls_M_f32	0.216000006		
VehDyn_SLPHwPos_HwDeg_M_f32	-799.130005		
VehDyn SrlHwAgVldTimer mS M u32	1759885568		
k HiSpdVDAuthority UIs f32	0		
k_HwTqMgnThd_HwNm_f32	0.119999997		
k_LoSpdVDAuthority_UIs_f32	1		
k_SrlHwAgVldTiThd_mS_u32	744		
k_SysKinRatio_MtrDegpHwDeg_f32	78.3000031		
k_TravelXCDeadband_Uls_f32	89.9000015		
k_TravelXCHwAuthority_Uls_f32	0.109724998		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1759885568		
target_GetSystemTime_mS_u32_CurrentTime	2728878080		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTi	1117112832		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	1759885568		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadp	<del>-</del>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32	£22	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cn target_VehDyn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-956.130005	2	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1215.07898		
target VehDyn Per1 HwTorque HwNm f32.value	-6.03999996		
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	753.700012		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1361.30005		
target VehDyn Per1 SrlHwAgVld Cnt lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-799.130005		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	500.049988		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2728878080	2728878080	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	383750110	383750110	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1361.30005	1361.30005 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1361.30005	1361.30005 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
			~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc		0	
	0		
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>~</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0 0 1	0	<b>~</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0 0 1 1078320779	0 1 1078320779	~ ~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0 0 1 1078320779 383750110	0 1 1078320779 383750110	\rightarrow \right
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0 0 1 1078320779 383750110 1361.30005	0 1 1078320779 383750110 1361.30005 ± 0.009	· · · · · · · · · · · · · · · · · · ·





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2728878080	2728878080	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	383750110	383750110	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1361.30005	1361.30005 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1361.30005	1361.30005 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	-146.221069	-146.220993	~
VehDyn_MinOffset_HwDeg_M_f32	-924.486023	-924.486023	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	3.19633675	3.19633675 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1759885568	1759885568	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0	0 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Nome	Input Volus
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	2.5
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	96.5
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.5
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.5
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	39056
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	586.059998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000806000025
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	586.059998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000806000025
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	45.5
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	226.199997
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.4000001
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75.0999985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20423
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31368
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	586.059998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000593999983
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	586.059998
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000180000003
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	0
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	0
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	1

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VehDyn\_Per1



Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	152.199997		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	96.3000031		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.19999981		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	42.2999992		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53759		
VehDyn_AutoCntrl_oSpd_M_str.Timer2Thresh_mS_u16	18715 2138628886		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	586.059998		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.61999987e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	586.059998		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000806000025		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-201.399994		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	0 758.533997		
VehDyn_MinOffset_HwDeg_M_f32	-917.802002		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.4000001		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00039999999		
VehDyn SLPHwAuth Uls M f32	0.232999995		
VehDyn_SLPHwPos_HwDeg_M_f32	-788.869995		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1662097408		
k_HiSpdVDAuthority_UIs_f32	1		
k_HwTqMgnThd_HwNm_f32	5.44999981		
k_LoSpdVDAuthority_Uls_f32	0		
k_SrlHwAgVldTiThd_mS_u32	700		
k_SysKinRatio_MtrDegpHwDeg_f32	96.5		
k_TravelXCDeadband_Uls_f32	88.8700027		
k_TraveIXCHwAuthority_UIs_f32	0.110950001		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1662097408 824746752		
target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u33_Elapsed			
target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target VehDyn Per1 CcwEOT HwDeg f3	2	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target VehDyn Per1 CwEOT HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRa	dpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f	f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_	_Ulsf32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_H		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mtr		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_0		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f	32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value	-949.869995 1225.98596		
target VehDyn Per1 HwTorque HwNm f32.value	-7.05000019		
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	159.600006		
target VehDyn Per1 RelHwPos HwDeg f32.value	586.059998		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-788.869995		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.30000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	499.070007		
Name	Actual Value	Expected Value	Resu
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886	2138628886	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784	2967684784	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	586.059998	586.059998 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	586.059998 586.059998	586.059998 ± 0.0009 586.059998 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	586.059998 586.059998	586.059998 ± 0.0009 586.059998 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	586.059998 586.059998 1	586.059998 ± 0.0009 586.059998 ± 0.0009 1	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	586.059998 586.059998 1 1	586.059998 ± 0.0009 586.059998 ± 0.0009 1 1	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	586.059998 586.059998 1	586.059998 ± 0.0009 586.059998 ± 0.0009 1	

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	586.059998	586.059998 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	586.059998	586.059998 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	824746752	824746752	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784	2967684784	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	586.059998	586.059998 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	586.059998	586.059998 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	639.925964	639.926025	~
VehDyn_MinOffset_HwDeg_M_f32	-917.802002	-917.802002	•
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.40069056	-5.40069008 ± 0.000009	•
VehDyn_SrlHwAgVldTimer_mS_M_u32	1662097408	1662097408	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	787.459961	787.460022 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.83 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	120.099998
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.099998
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.10000038
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	56.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892860
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-339.980011
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000807999982
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-339.980011
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000807999982
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	10.3999996
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	236
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	97.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	7034
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	39056
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2345892860
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-339.980011
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000595999998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-339.980011
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000184000004

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VehDyn\_Per1



Name	Input Value		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	98.4000015		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.3000002		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.1999998		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892860 3174948758		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-339.980011		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32	5.66000017e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-339.980011		
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000807999982		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-101.489998		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn MaxOffset HwDeg M f32	763.526001		
VehDyn_MinOffset_HwDeg_M_f32	-911.117981		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.5999999		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000400999998		
VehDyn_SLPHwAuth_Uls_M_f32	0.25		
VehDyn_SLPHwPos_HwDeg_M_f32	-778.609985		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1050692864		
k_HiSpdVDAuthority_Uls_f32	0		
k_HwTqMgnThd_HwNm_f32	6.32000017		
k_LoSpdVDAuthority_Uls_f32	1		
k_SrlHwAgVldTiThd_mS_u32	701		
k_SysKinRatio_MtrDegpHwDeg_f32	32.0999985		
k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32	87.8399963 0.112175003		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2127166208		
target GetSystemTime mS u32 CurrentTime	309385728		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRac	lpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_l	_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	vDeg_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeedValid Cnt Igc	target_VehDyn_Per1_VehicleSpeedValid_C	_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-943.609985		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1236.89294		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-8.06000042		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1100.09998		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-339.980011		
target_VehDyn_Per1_SrlHwAgVId_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-778.609985		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.29999995		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	120.349998		l_
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	Y
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	309385728 3174948758	309385728 3174948758	Ž
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-339.980011	-339.980011 ± 0.0009	
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-339.980011	-339.980011 ± 0.0009	
VehDyn_AutoOntrDetSpd_M_str.Filter1Enable_Cnt_lac	0	0	

0

0

0

0

 $VehDyn\_AutoCntrDetSpd\_M\_str.Filter1Enable\_Cnt\_lgc$ 





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2345892860	2345892860	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758	3174948758	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-339.980011	-339.980011 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-339.980011	-339.980011 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892860	2345892860	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758	3174948758	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-339.980011	-339.980011 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-339.980011	-339.980011 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	1236.89294	1236.89294	~
VehDyn_MinOffset_HwDeg_M_f32	-943.609985	-943.609985	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.59373665	7.59373665 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1050692864	1050692864	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.25	0.25 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1118.58997	-1118.58997 ± 0.1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	<b>~</b>

Гest Step 2.84 (Repeat Count = 1)	
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	66
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	116
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	54
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53759
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18715
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1590.80005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00080999998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1590.80005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00080999998
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	56.2000008
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	246.100006
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6.19999981
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.1999969
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	25532
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27401
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1590.80005
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000598000013

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Nome	Input Value		
Name VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32	Input Value 1590.80005		
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000188000005		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	66.4000015		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	255		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.1999998		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	53.2999992		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21364		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	52716 2553156835		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1590.80005		
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	5.70000011e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1590.80005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000809999998		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1.58000004		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	768.518005		
VehDyn_MinOffset_HwDeg_M_f32	-904.434021 1.5		
VehDyn_PinTrqSV_M_str.SV_UIs_f32 VehDyn_PinTrqSV_M_str.K_UIs_f32	0.000402000005		
VehDyn_SLPHwAuth_Uls_M_f32	0.26699999		
VehDyn SLPHwPos HwDeg M f32	-768.349976		
VehDyn_SrlHwAgVldTimer_mS_M_u32	3039943680		
k_HiSpdVDAuthority_UIs_f32	1		
k_HwTqMgnThd_HwNm_f32	1		
k_LoSpdVDAuthority_UIs_f32	0		
k_SrlHwAgVldTiThd_mS_u32	702		
k_SysKinRatio_MtrDegpHwDeg_f32	52		
k_TravelXCDeadband_Uls_f32	86.8099976		
k_TraveIXCHwAuthority_UIs_f32	0.113399997		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4243378688		
target_GetSystemTime_mS_u32_CurrentTime	2659241984		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_lnst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f3	2	
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target VehDyn Per1 HwTorque HwNm f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target VehDyn Per1 MotorVelCRF MtrRa		
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos HwDeg f	· <del>-</del>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_H		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mtr	_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_0		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f	32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-937.349976		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1247.80005		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-897.599976		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1590.80005		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-768.349976		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230.869995		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835	2553156835	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758	3174948758	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1590.80005	1590.80005 ± 0.009	~
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1590.80005	1590.80005 ± 0.009	<b>✓</b>

1590.80005

 $VehDyn\_AutoCntrDetSpd\_M\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32$ 

 $1590.80005 \pm 0.009$ 





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2659241984	2659241984	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758	3174948758	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1590.80005	1590.80005 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1590.80005	1590.80005 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2659241984	2659241984	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758	3174948758	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1590.80005	1590.80005 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1590.80005	1590.80005 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1247.80005	1247.80005	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-937.349976	-937.349976	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.50024426	1.50024426 ± 0.000009	<b>✓</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	3039943680	3039943680	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.26699999	0.26699999 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	822.450073	822.450012 ± 0.1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 CheckpointReached	1	_

Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	34.2000008
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	126.199997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.1999998
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	85.1999969
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	14442
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1341.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000812000013
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1341.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000812000013
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86.0999985
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	123
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.1999998
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	42.2000008
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416

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lame	Input Value
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2760420809
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1341.30005
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000600000028
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1341.30005
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000192000007
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	34
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	126.599998
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.3999996
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.1999969
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	33198
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	7778
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420809
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1341.30005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.74000005e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1341.30005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000812000013
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_ForceCenterEnabled_Cnt_M_lgc	1
/ehDyn_ForceCenterOffset_HwDeg_M_f32	98.3300018
ehDyn_HiSpdLearnt_Cnt_M_lgc	1
ehDyn_Initialize_Cnt_M_lgc	1
ehDyn_LoSpdLearnt_Cnt_M_lgc	1
ehDyn_MaxOffset_HwDeg_M_f32	773.51001
ehDyn_MinOffset_HwDeg_M_f32	-897.75
ehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000002
ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000403000013
ehDyn_SLPHwAuth_Uls_M_f32	0.284000009
ehDyn_SLPHwPos_HwDeg_M_f32	-758.090027
ehDyn_SrlHwAgVldTimer_mS_M_u32	1316564736
_HiSpdVDAuthority_UIs_f32	0
_HwTqMgnThd_HwNm_f32	1.5
_LoSpdVDAuthority_UIs_f32	1
_SrlHwAgVldTiThd_mS_u32	703
_SysKinRatio_MtrDegpHwDeg_f32	10.1000004
_TravelXCDeadband_Uls_f32	85.7799988
_TraveIXCHwAuthority_Uls_f32	0.114624999
arget_DtrmnElapsedTime_mS_u32_ElapsedTime	1050692864
arget_GetSystemTime_mS_u32_CurrentTime	2942063360
arget_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT	
arget_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
arget_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-931.090027
arget_VehDyn_Per1_CwEOT_HwDeg_f32.value	1258.70703
arget_VehDyn_Per1_HwTorque_HwNm_f32.value	2.20000005
arget_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154.399994
arget_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1341.30005
arget_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1
	-758.090027
arget_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	
arget_VehDyn_Per1_SrlHwAg_HwDeg_f32.value arget_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999
· - · - · · - · · · · · · · · · · · · ·	1
arget_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2942063360	2942063360	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733	3382212733	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1341.30005	1341.30005 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1341.30005	1341.30005 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2760420809	2760420809	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733	3382212733	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1341.30005	1341.30005 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1341.30005	1341.30005 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420809	2760420809	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733	3382212733	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1341.30005	1341.30005 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1341.30005	1341.30005 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	-82.5930176	-82.5930023	~
VehDyn_MinOffset_HwDeg_M_f32	-897.75	-897.75	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.59865212	-1.59865212 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1316564736	1316564736	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1242.97009	1242.96997 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.86 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime$
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	120.099998
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.099998
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.10000038
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	56.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892860
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-339.980011
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000807999982
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-339.980011
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000807999982
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	10.3999996
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	236
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	97.4000015

2015-09-15, 13:22:52+0530



VADDY AUXOCINETISQU J.W. ITTERNET TIMEN INS	Name	Input Value
Visiby_AutoCriticSpd_M_st_Trend_ps_G2 Visiby_AutoCriticSpd_M_st_Trend_		·
Varbyn, Auschmisspil, J., S. Timer, J. F. J. 192 Varbyn, Auschmisspil, J., S. Timer, J. 193 Varbyn, Auschmisspil,		
VerbinstandorderHispd.M.sc field-investignt Hay Harbog, art SV July, 122   33990011   VerbinstandorderHispd.M.sc field-investignt Hay Harbog, art KU is, 152   000569999988   VerbinstandorderHispd.M.sc field-investignt Hay Harbog, art KU is, 152   000569999989   VerbinstandorderHispd.M.sc field-investignt-Hispd.Hispd.M.sc field-investign-Hispd.M.sc field-investign-Hisp		
Verbin AutoComissod M. 87 #894-876115 V. Parkog et SV. Us 122   338,80011		
Veoluph_Audocrafts De_M_BERNAMORITISY_Mode_ast_V_UB_122		
Victory, Auscontines May 1 Am Enterhebro (2002) May 1999 Victory, Auscontines May 1 Am Enterhebro (2002) May 1999 Victory, Auscontines May 1999 Victory, Aus		
Vichiph, AutoChristoph, M. art Filter Christop, Crit. gis 0 Vichiph, AutoChristoph, M. art Filter Christop, Crit. gis 1 Vichiph, AutoChristoph, M. art Filter Christoph, Crit. gis 1 Vichiph, AutoChristoph, M. art Filter Christoph, Crit. gis 0 Vichiph, AutoChristoph, M. art Filter Christoph, Crit. gis 0 Vichiph, AutoChristoph, M. art Filter Christoph, Crit. gis 0 Vichiph, AutoChristoph, M. art Filter Christoph, Crit. gis 0 Vichiph, AutoChristoph, M. art Filter Christoph, Crit. gis 0 Vichiph, AutoChristoph, M. art Filter Christoph, Crit. gis 1 Vichiph, AutoChristoph, M. art Filter Christoph, Crit. gis 1 Vichiph, AutoChristoph, M. art Filter Christoph, Crit. gis 1 Vichiph, AutoChristoph, M. art Filter Christoph, Crit. gis 1 Vichiph, AutoChristoph, M. art Filter Christoph, Crit. gis 1 Vichiph, AutoChristoph, M. art Filter Christoph, Crit. gis 1 Vichiph, AutoChristoph, M. art Filter Christoph, Vichig, 2 Vichiph, AutoChristoph, M. art Filter Christoph, Crit. gis 0 Vichiph, AutoChristoph, M. art Filter Christoph, Crit. gis 0 Vichiph, AutoChristoph, M. art Filter Christoph, Crit. gis 0 Vichiph, AutoChristoph, M. art Filter Christoph, Crit. gis 0 Vichiph, AutoChristoph, M. art Filter Christoph, Crit. gis 0 Vichiph, AutoChristoph, M. art Filter Christoph, Crit. gis 0 Vichiph, AutoChristoph, M. art Filter Christoph, Crit. gis 0 Vichiph, AutoChristoph, M. art Filter Christoph, Crit. gis 0 Vichiph, AutoChristoph, M. art Filter Christoph, Crit. gis 0 Vichiph, AutoChristoph, M. art Filter Christoph, Crit. gis 0 Vichiph, AutoChristoph, M. art Filter Christoph, Crit. gis 0 Vichiph, AutoChristoph, M. art Filter Christoph, Cr		
VADDA, MACCHINSDE, M. M. ETHRESCHADE, CR. Up         1           VADDA, MACCHINSDE, M. M. ETHRESCHADE, CR. Up         1           VADDA, MACCHINSDE, M. M. ETHRESCHADER, CR. Up         0           VADDA, MACCHINSDE, M. M. ETHRESCHADER, CR. Up         0           VADDA, MACCHINSDE, M. ANIVER, WIRDARS, SZ         0           VADDA, MACCHINSDE, M. ANIVER, WIRDARS, SZ         0           VADDA, MACCHINSDE, M. ANIVER, WIRDARS, SZ         12           VADDA, MACCHINSDE, M. ANITHMETHER, M. N. US         13352           VADDA, MACCHINSDE, M. ANITHMETHER, M. S. US         13352           VADDA, MACCHINSDE, M. ANITHMETHER, M. S. US         2448982880           VADDA, MACCHINSDE, M. ANITHMETHER, M. S. US         333690011           VADDA, MACCHINSDE, M. ANITHMETHER, M. S. US         333890011           VADDA, MACCHINSDE, M. ANITHMETHER, M. S. US         333890011           VADDA, MACCHINSDE, M. ANITHMETHER, M. S. US         333890011           VADDA, MACCHINSDE, M. ANITHMETHER, M. C. US         333890011           VADDA, MACCHINSDE, M. ANITHMETHER, C. US         333890011           VADDA, MACCHINSDE, M. ANITHMETHER, M. C. US         333890011           VADDA, MACCHINSDE, M. ANITHMETHER, M. C. US         333890011           VADDA, MACCHINSDE, M. ANITHMETHER, C. US         333890011           VADDA, MACCHINSDE, M. ANITHMETHER, C. US		
Velicips   AutoChrist (Sol M. ser Fileschales Crit.   ge		
Velop, AusConflictogol, M. at Pillar Initiatized, Crit. Igs  Velop, AusConflictogol, M. at Wirel MirRepols (12)  Velop, AusConflictogol, M. at Timer Threeth, m. 9, u16  Velop, AusConflictogol, M. at Timer Threeth, m. 9, u16  Velop, AusConflictogol, M. at Timer Threeth, m. 9, u16  Velop, AusConflictogol, M. at Timer Threeth, m. 9, u16  Velop, AusConflictogol, M. at Timer Threeth, m. 9, u16  Velop, AusConflictogol, M. at Timer Threeth, m. 9, u16  Velop, AusConflictogol, M. at Timer Threeth, m. 9, u16  Velop, AusConflictogol, M. at Timer Threeth, m. 9, u16  Velop, AusConflictogol, M. at Timer Threeth (13)  Velop, AusConflictogol, M. at Timer Threeth (14)  Velop, AusConflictogol, M. at		
Victory AutoContests poll M. at MinVery Manages, Fig. 2   0   0   0   0   0   0   0   0   0	VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	
Verbin, Auscontic Septil, M. at Winder, Light 32  Verbin, Auscontic Septil, M. at Winder, Light 32  Verbin, Auscontic Septil, M. at Filher Tin, Hanhmun 22  Verbin, Auscontic Septil, M. at Timer Threat, m. S. uris  Verbin, Auscontic Septil, M. at Timer Threat, m. S. uris  Verbin, Auscontic Septil, M. at Timer Threat, m. S. uris  Verbin, Auscontic Septil, M. at Timer Times, m. S. uris  Verbin, Auscontic Septil, M. at Timer Times, m. S. uris  Verbin, Auscontic Septil, M. at Timer Times, m. S. uris  Verbin, Auscontic Septil, M. at Timer Times, uris  Verbin, Auscontic Septil, M. at Timer Zimes, uris  Verbin, Auscontic Septil, M. at Zimes,	VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	
VAIDUP, AMSCORTLOSEM, M.S. FIRIPRITE, HANNIN, E.Z.         0           VAIDUP, AMSCORTLOSEM, M.S. EMPRITE, HANNIN, E.Z.         12.1999998           VAIDUP, AMSCORTLOSEM, M.S. TIMET, HANNIN, E.Z.         12.1999998           VAIDUP, AMSCORTLOSEM, M.S. TIMET, HEN, II.G.         14442           VAIDUP, AMSCORTLOSEM, M.S. TIMET, M.S. U.Z.         2449802880           VAIDUP, AMSCORTLOSEM, M.S. TIMET, M.S. U.Z.         3174994788           VAIDUP, AMSCORTLOSEM, M.S. TIMET, M.S. U.Z.         338980011           VAIDUP, AMSCORTLOSEM, M.S. REHAMPORETISV, HANDER, S.Y. U.B., S.Z.         338980011           VAIDUP, AMSCORTLOSEM, M.S. REHAMPORETISV, HANDER, S.Y. U.B., S.Z.         338980011           VAIDUP, AMSCORTLOSEM, M.S. REHAMPORETISV, HANDER, S.Y. U.B., S.Z.         338980011           VAIDUP, AMSCORTLOSEM, M.S. REHAMPORETISV, HANDER, S.Y. U.B., S.Z.         338980011           VAIDUP, AMSCORTLOSEM, M.S. REHAMPORETISSV, HANDER, S.Y. U.B., S.Z.         338980011           VAIDUP, AMSCORTLOSEM, M.S. REHAMPORETISSV, HANDER, S.Y. U.B., S.Z.         40000007999982           VAIDUP, AMSCORTLOSEM, M.S. REHAMPORETISSV, HANDER, S.Y. U.B., S.Z.         40000007999982           VAIDUP, AMSCORTLOSEM, M.S. REHAMPORETISSV, HANDER, S.Y. U.B., S.Z.         40000007999982           VAIDUP, S.Y. U.B., S.Z.         4000000000000000000000000000000000000		
VARDM, AutContiosopi, M. p. Frillwinder, Hawbing 152         1.21999998           VARDM, AutContiosopi, M. p. Timer Threat, m. g. u16         13352           VARDM, AutContiosopi, M. p. Timer Threat, m. g. u16         14442           VARDM, AutContiosopi, M. p. Timer Timer, m. g. u22         2248828890           VARDM, AutContiosopi, M. p. Timer, m. g. u22         234882890           VARDM, AutContiosopi, M. p. Timer, m. g. u22         333890011           VARDM, AutContiosopi, M. p. Timer, m. g. u22         333890011           VARDM, AutContiosopi, M. p. Timer Timer, m. g. u22         333890011           VARDM, AutContiosopi, M. p. Timer Timer, m. g. u22         333890011           VARDM, AutContiosopi, M. p. Timer Timer, m. g. u22         000000779005           VARDM, AutContiosopi, M. p. Timer Timer, m. g. u22         000000779009           VARDM, AutContiosopi, M. p. Timer Timer, m. g. u22         0           VARDM, AutContiosopi, M. p. Timer Timer, m. g. u22         0           VARDM, AutContiosopi, M. p. Timer Timer, m. g. u22         0           VARDM, AutContiosopi, M. p. Timer Timer, m. g. u22         0           VARDM, AutContiosopi, M. p. Timer Timer, m. g. u22         0           VARDM, AutContiosopi, M. p. Timer Timer, m. g. u22         0           VARDM, AutContiosopi, M. p. Timer Timer, m. g. u22         0           VARDM, P. G. Contiosopi, M. p. Timer Time	VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	98.4000015
Verbin, Auscontackgof, M. pt. Timer Thresh in Suifs Verbin, Auscontackgof, M. pt. Timer Thresh in Suifs Verbin, Auscontackgof, M. pt. Timer Thresh in Suifs Verbin, Auscontackgof, M. pt. Timer, Tims, 112 Verbin, Auscontackgof, M. pt. Timer, Timer, 112 Verbin, Auscontackgof, M. pt. Timer, 112 Verbin, M. pt. Verbin, 112 Ve	VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0
Verbiny, AutoConticSpd M, str Timer Threat in St. 16 Verbiny, AutoConticSpd M, str Timer In St. 192 Verbiny, AutoConticSpd M, str Timer Interest Contige Verbiny, NeoConticSpd M, str Timer Interest Contige Verbiny, NeoContic Contige Verbiny, NeoContige Verbiny, NeoContige Verbiny, NeoContige Verbiny, NeoContige Verbiny, NeoContige Verbiny, NeoContige Verbiny,	VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	0
VehDyn AutContacSept M_ST Timer ZTHesh mS use	VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.1999998
VehDyn_AutConticSpd_M_str_Mar_M_SU2	VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352
VerbDy_AutContri.oSpd_M_str.NewE_mS_u32	VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442
Verboy, AuscontriusSod, M. sir Rehtwepsaffisty, Mwbeg, sir S.V. Uis. [32] Verboy, AuscontriusSod M. sir Rehtwepsaffisty Mwbeg, sir S.V. Uis. [32] Verboy, AuscontriusSod M. sir Rehtwepsaffisty Mwbeg, sir S.V. Uis. [32] Verboy, AuscontriusSod M. sir Rehtwepsaffisty Mwbeg, sir S.V. Uis. [32] Verboy, AuscontriusSod M. sir Rehtwepsaffisty Mwbeg, sir S.V. Uis. [32] Verboy, AuscontriusSod M. sir Rehtwepsaffisty Mwbeg, sir S.V. Uis. [32] Verboy, AuscontriusSod M. sir Rehtwepsaffisty Mwbeg, sir S.V. Uis. [32] Verboy, AuscontriusSod M. sir Rehtwepsaffisty Grub [gc] Verboy, MuscontriusSod M. sir Rehtwepsaffisty Grub [gc] Verboy, Minister Crit M. [gc] Verboy, Sich Mensor, M. [gc] Verboy, Sich Mensor, M. [gc] Verboy, Sich Mensor, Minister Crit Mensor, Mini	VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892860
VehDyn_AutoCnitLoSpd_M_str.ReiHwPosFill2SV_MpDeg_str.K_Uis_[32]	VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCnitLoSpd_M_str.ReiHwPosFill2SV_MpDeg_str.K_Uis_[32]	VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-339.980011
VerbDyn_AutoCnitLoSpid_Msr.ReinWoosinESSV_Hobeq_str.SV_Uis_732         0000807999982           VerbDyn_AutoCnitLoSpid_Msr.ReinWoosinESSV_Hobeq_str.Uis_732         0000807999982           VerbDyn_AutoCnitLoSpid_Msr.ReinTeinBalzed_Cnt.Uge         0           VerbDyn_AutoCnitLoSpid_Msr.ReinTeinBalzed_Cnt.Uge         0           VerbDyn_AutoCnitLoSpid_Msr.ReinTeinBalzed_Cnt.Uge         0           VerbDyn_ForceCentEnabled_Cnt.Uge         0           VerbDyn_ForceCentEnabled_Cnt.Uige         0           VerbDyn_ForceCentEnabled_Cnt.Uige         1           VerbDyn_ForceCentEnabled_Cnt.Uige         1           VerbDyn_ForceCentEnabled_Cnt.Uige         1           VerbDyn_Hostiatz_Cnt.M_Uige         1           VerbDyn_Hostiatz_Cnt.M_Uige         1           VerbDyn_Morticet_Hobeq_M_132         4911.117981           VerbDyn_Morticet_Hobeq_M_132         4911.117981           VerbDyn_Forticet_Myn_Str.V_Uis_122         0.00000099998           VerbDyn_Str.Wyn_Str.V_Uis_122         0.00000999998           VerbDyn_Str.Wyn_Str.V_Uis_122         0.000000999998           VerbDyn_Str.Wyn_Str.V_Uis_122         0.000000999998           VerbDyn_Str.Wyn_Str.V_Uis_122         0.00000000000000000000000000000000000		
VerbOyn_AutoCnitLoSpid_M_str_Filter*Enable_CnLigs         0           VerbOyn_AutoCnitLoSpid_M_str_Filter*Enable_CnLigs         0           VerbOyn_AutoCnitLoSpid_M_str_Filter*Enable_CnLigs         0           VerbOyn_AutoCnitLoSpid_M_str_Filter*Enable_CnLigs         0           VerbOyn_AutoCnitLoSpid_M_str_Filter*Enable_CnLigs         0           VerbOyn_ForceCenterEnable_CnL_M_igs         0           VerbOyn_ForceCenterEnable_CnL_M_igs         10           VerbOyn_ForceCenterEnable_CnL_M_igs         10           VerbOyn_ForceCenterEnable_CnL_M_igs         10           VerbOyn_Hispotle_arm_Cnt_M_igs         1           VerbOyn_Macoffset_HwiDeg_M_122         75           VerbOyn_Macoffset_HwiDeg_M_132         75           VerbOyn_PinTrqSV_M_str_K_U ils_122         75           VerbOyn_PinTrqSV_M_str_K_U ils_122         0.000000999998           VerbOyn_PinTrqSV_M_str_K_U ils_122         0.000000999999           VerbOyn_SINHWauth_U ils_M_122         278           VerbOyn_SINHWauth_U ils_M_122         278           VerbOyn_SINHWauth_U ils_M_122         6.32           VerbOyn_SINHWauth_U ils_M_122         6.32           VerbOyn_SINHWauth_U ils_M_122         6.32           VerbOyn_SINHWauth_U ils_M_122         6.32           VerbOyn_SINHWauth_U ils_M_122         6		
VehDyn_AutoChitLoSpd_M str-Filter Enable_Cnt_lgs		
VehDyn_AutoCritt.Ospd_M_str_FilterInitialized_Crt_Igc		
VehDyn_AutoCritt.Ospd M_str.Filter1milalized_Cru_lge         0           VehDyn_ForceCenterEnabled_Cnt_M_lge         0           VehDyn_ForceCenterCfiseabled_Cnt_M_lge         101.489998           VehDyn_ForceCenterCfiseabled_Cnt_M_lge         1           VehDyn_HSRG amt_Cnt_M_lge         1           VehDyn_HSRG amt_Cnt_M_lge         1           VehDyn_Modfise_ThuDeg_M_f32         763.526001           VehDyn_Modfise_HwDeg_M_f32         4911.117981           VehDyn_PenTqSV_M_str_XV_Uls_512         7.5999999           VehDyn_PenTqSV_M_str_XV_Uls_512         0.000400099998           VehDyn_PenTqSV_M_str_XV_Uls_512         0.000400999998           VehDyn_SthHwAgVdTimer_mS_M_str_X         105662264           VehDyn_SthHwAgVdTimer_mS_M_str_X         105662264           K_HSpVDVDLINGIN_Uls_512         0           VehDyn_SthWagVdTimer_mS_M_str_X         6.32000017           K_LOspVDAbarbory_Uls_512         1           V_SYSKIRRatio_MitDeguthVolg_512         1           K_SystikirRatio_MitDeguthVolg_512         1           K_TraveIXCDeadand_Uls_512         373999935           K_TraveIXCDeadand_Uls_512         374999995           K_TraveIXCDeadand_Uls_512         374999995           K_TraveIXCDeadand_Uls_512         375999935           K_Trave		
VehDyn_AutoCntrLoSpd_M_str_Fiter2initialized_Cnt_ligc         0           VehDyn_ForceCenterEnabed_Cnt_M_ligc         0           VehDyn_ForceCenterEnabed_Cnt_M_ligc         1           VehDyn_HSpdLeamL_Cnt_M_ligc         1           VehDyn_HSpdLeamL_Cnt_M_ligc         0           VehDyn_MaxOffset_HWDeg_M_S2         763.526001           VehDyn_MaxOffset_HWDeg_M_S2         491.117881           VehDyn_MaxOffset_HWDeg_M_S2         491.117881           VehDyn_PenTiqSV_M_str_K_UIS_S2         491.117881           VehDyn_PenTiqSV_M_str_K_UIS_S2         0.00000000000000000000000000000000000	· - · ·	
Verblyn, ForeaCenterCinsel HwDeg, M. fis2         -101.489998           Verblyn, Hisbatice, Cint, M. Ige         1           Verblyn, Hisbatice, Cint, M. Ige         0           Verblyn, Lindelize, Cint, M. Ige         1           Verblyn, Lindelize, Cint, M. Ige         1           Verblyn, Lindelize, Cint, M. Ige         1           Verblyn, MaxOffiset, HwDeg, M. fis2         783,528001           Verblyn, Minoffiset, HwDeg, M. fis2         911,117881           Verblyn, PinTrqSV, M. str. K., Ulls, fis2         0.00040099998           Verblyn, PinTrqSV, M. str. K., Ulls, fis2         0.000400999988           Verblyn, SIPHwAll, Ulls, M. fis2         0.25           Verblyn, SIPHwAll, Ulls, M. fis2         0.58062864           Verblyn, SIPHwAll, Ulls, M. fis2         0.32000017           K, LospVODAUthoriby, Ulls, fis2         1           K, Janke, May Lindeli, HwMm, fis2         6.32000017           K, LospVODAUTHOR, Ulls, fis2         1           K, Srikhwa, With Tribe, gerbly beg fis2         32.0999985           K, TravelXCDHAwuthoriby, Ulls, fis2         1           K, TravelXCDHAwuthoriby, Juls, fis2         1           K, TravelXCDHAwuthoriby, Juls, fis2         0.112175003           Larget, Ell, Land, LA, Verboyn, SystemTime, Directalled fine, m. fis. ulls, 2434740108         103885728 <td></td> <td></td>		
VehDyn_HiSpdLeaml_Cnt_Mige		
VehDyn_HiSpdLeam[_Cnt_M_igc         1           VehDyn_LoSpdLeam[_Cnt_M_igc         0           VehDyn_LoSpdLeam[_Cnt_M_igc         1           VehDyn_MaxOffset_HwDeg_M_f32         763,556001           VehDyn_MinOffset_HwDeg_M_f32         911,117881           VehDyn_PinTrqSV_M_str.K_Uls_f32         778,699999           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.00440099998           VehDyn_SLPHwPath_Ulb_IS_M_f32         0.25           VehDyn_SLPHwPath_Ulb_IS_M_f32         1056652864           VehDyn_SLPHwPath_Ulb_IS_M_f32         0           VehDyn_SLPHwPath_IS_B_M_f32         0           VehDyn_SthWathority_Uls_f32         0           K_LispdVDAuthority_Uls_f32         1           K_LospdVDAuthority_Uls_f32         1           K_SyskinCatio_MtrDegpHwDeg_f32         32.0999985           K_TravetXCHwAuthority_Uls_f32         1           K_TravetXCHwAuthority_Uls_f32         32.0999985           K_TravetXCHwAuthority_Uls_f32         32.0999985           K_TravetXCHwAuthority_Uls_f32         32.0999986           K_TravetXCHwAuthority_Uls_f32         37.000000000000000000000000000000000000		
VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_LoSpit_eart_Cnt_M_lgc         1           VehDyn_Minoffset_HwDeg_M_f32         763,526001           VehDyn_Minoffset_HwDeg_M_f32         -911,117881           VehDyn_PinTrqSV_M_str Xr_Uls_f32         0.000400999998           VehDyn_SIPHwAuhr_Uls_M_52         0.000400999988           VehDyn_SIPHwBog_HwDeg_M_f32         -778 609985           VehDyn_SIPHwBog_HwDeg_M_f32         -778 609985           VehDyn_SIHWBog_Mflime_mB_M_u32         1050692864           k_HiSpdVDAuthority_Uls_f32         6.32000017           k_LoSpdVDAuthority_Uls_f32         1           k_LoSpdVDAuthority_Uls_f32         1           k_SilwishQaliffind_ms_us2         701           k_SilwishQaliffind_ms_us3         701           k_SilwishQaliffind_ms_us3         1           k_SilwishQaliffind_ms_us3         1           k_SilwishQaliffind_ms_us3         1           k_TravelXCDeadband_uls_f32         87.839983           k_TravelXCDeadband_uls_f32         1           k_TravelXCDeadband_uls_f32         1           k_TravelXCDeadband_uls_f32         1           k_TravelXCDeadband_uls_f32         1           target_Re_Call_Ap_VehDyn_SystemTime_GetSystemTime_ms_us2_Lengent         1012175003		
VehDyn_LoSpdLeaml_Cnt_Migc         1           VehDyn_MaxOffset_HwDeg_M_152         763.256001           VehDyn_MinCrpSt_HwDeg_M_152         911.117881           VehDyn_PinTrqSV_M_strK_Uls_152         7.5999999           VehDyn_PinTrqSV_M_strK_Uls_152         0.000400999988           VehDyn_SLPHWAuth_Uls_M 182         0.25           VehDyn_SLPHWOB_MIR_ST         778.609885           VehDyn_SLPHWOB_MIR_ST         10           VehDyn_SLPHWOB_MIR_ST         10           VehDyn_SLPHWOB_MIR_ST         10           VehDyn_SLPHWOB_MIR_ST         6.32000017           K_LOSpVDAuthority_Uls_152         1           V_LOSPVDAUTHORTH_MIR_ST         6.32000017           K_LOSPVDAUTHORTH_MIR_ST         1           V_LOSPVDAUTHORTH_MIR_ST         1           V_LOSPVDAUTHORTH_MIR_ST         1           V_LOSPVDAUTHORTH_MIR_ST         2           V_LOSPVDAUTHORTH_MIR_ST		
VehDyn_MaxOffset_HwDeg_M_f32         4911.17981           VehDyn_PinTrgSV_M_str.SV_Uis_f32         4911.17981           VehDyn_PinTrgSV_M_str.SV_Uis_f32         7.5999999           VehDyn_SI-PhrWost_M_str.SV_Uis_f32         0.000400999998           VehDyn_SI-PhrWost_M_brack_M_f32         0.25           VehDyn_SI-PhrWost_Mbrack_M_f32         778.609985           VehDyn_SI-PhrWost_Mbrack_M_f32         1050692864           VehDyn_SI-PhrWost_MLDIs_f32         0.0000017           VehDyn_SI-PhrWost_MLDIs_f32         6.32000017           V_HSQAVDAuthority_Uis_f32         1           V_LOSQAVDAuthority_Uis_f32         1           V_SysKinRatio_MrDeghtwDeg_f32         32.0999985           V_SysKinRatio_MrDeghtwDeg_f32         32.0999985           V_TravelXCDeadband_Uis_f32         47.18903           V_TravelXCDeadband_	, ·	
VehDyn_MinOffset_HwDeg_M_f32         -911.117881           VehDyn_PinTrqSV_M_str.SV_UIs_f32         7.5999999           VehDyn_SLPTrwSV_M_str.K_UIs_f32         0.00400999988           VehDyn_SLPHwPos_HwDeg_M_f32         -778.609985           VehDyn_SLPHwPos_HwDeg_M_f32         1050692864           VehDyn_SLPHwDeg_M_f32         1050692864           K_HSQAVDAuthority_UIs_f32         0           K_HWTQMgnThd_HwNm_f32         6.32000017           K_LOSpAVDAuthority_UIs_f32         1           K_Srifi-MayQVdTiThd_mS_u32         701           K_SyskinRaitO,MtPogphWoeg_f32         32.0999985           K_TravelXCDeadband_UIs_f32         87.8399983           K_TravelXCHwAuthority_UIs_f32         0.112175903           Larget_Define_InsepedTime_mS_u32_ElapsedTime         2127166208           Larget_GelSystemTime_mS_u32_CurrentTime         30385728           Larget_Rie_Call_AD_vehDyn_SystemTime_DitrumElapsedTime_mS_u32_LiapsedTime_traget_Rie_Inst_AD_vehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         1arget_VehDyn_Per1_CwEOT_HwDeg_f32           Larget_Rie_Inst_AD_vehDyn_NehDyn_Per1_CwEOT_HwDeg_f32         1arget_VehDyn_Per1_Wortoque_HwNm_f32         1arget_VehDyn_Per1_Wortoque_HwNm_f32         1arget_VehDyn_Per1_Wortoque_HwNm_f32         1arget_VehDyn_Per1_Wortoque_HwNm_f32         1arget_VehDyn_Per1_SensoriessAuthority_UIs_f32         1arget_VehDyn_Per1_SensoriessAuthority_UIs_f32         1arget_V		
VehDyn_PinTrqSV_M_strX_Uls_f32         7.5999999           VehDyn_PinTrqSV_M_strX_Uls_f32         0.00040099998           VehDyn_SLPHwPos_HwDeg_M_f32         0.25           VehDyn_SLPHwPos_HwDeg_M_f32         -778.609985           VehDyn_StrHwAgVidTimer_mS_M_u32         1050692864           K_HSpd7DAMtonty_Uls_f32         0           K_LoSpd7DAuthorty_Uls_f32         6.32000017           K_LoSpd7DAuthorty_Uls_f32         1           K_SHIHWAgVISTIME_MS_932         701           K_SHIHWAgVISTIME_MS_932         701           K_SysKinRatio_MtrDegpHwDeg_f32         87.8399963           K_TraveIXCHwAuthority_Uls_f32         0.112178003           Larget_DtmmElapsedTime_mS_u32_ElapsedTime         2127166208           Larget_GelSystemTime_mS_u32_CurrentTime         309385728           Larget_Rie_Call_AD_vehDyn_SystemTime_GelSystemTime_mS_u32_CurrentTime         145062884           Larget_Rie_Inst_AD_vehDyn_VehDyn_Per1_CowEOT_HwDeg_f32         14794_VehDyn_VehDyn_Per1_LowEOT_HwDeg_f32           Larget_Rie_Inst_AD_vehDyn_VehDyn_Per1_CowEOT_HwDeg_f32         14794_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32         14794_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32         14794_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32         14794_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32         14794_VehDyn_Per1_SensoriessHwPos_HwDeg_f32         14794_VehDyn_Per1_SensoriessHwDos_HwDeg_f32         14794_VehDyn_Per1_Sen		
VehDyn_PinTrqSV_M_str.K_Uils_f32         0.000400999998           VehDyn_SLPHwAuth_Uils_M_f32         0.25           VehDyn_SLPHwAuth_Uils_M_f32         1778.009955           VehDyn_SriHwAgVidTimer_mS_M_u32         1050692864           k_HSpdVDAuthority_Uils_f32         0           k_HSpdVDAuthority_Uils_f32         1           k_LospdVDAuthority_Uils_f32         1           k_SriHwAgVidTiTind_mS_u32         701           k_SyskinRatio_MitDegpHwDeg_f32         32.099985           k_TravelXCHwAuthority_Uils_f32         37.399963           k_TravelXCHwAuthority_Uils_f32         212716608           target_OstSystemTime_mS_u32_ElapsedTime         212716608           target_Rte_Call_Ap_VehDyn_SystemTime_DetrisystemTime_mS_u32_ElapsedTime         309385728           target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         1050692864           target_Rte_lost_Ap_VehDyn_SystemTime_DetrisystemTime_mS_u32_CurrentTime         1050692864           target_Rte_lost_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rte_lost_Ap_VehDyn_VehDyn_Per1_Motorque_HwNin_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rte_lost_Ap_VehDyn_VehDyn_Per1_Motorque_HwNin_f32         target_VehDyn_Per1_RelHwPos_HwDeg_f32           target_Rte_lost_Ap_VehDyn_VehDyn_Per1_SensoriessHwPos_HwDeg_f32         target_VehD		
VehDyn_SLPHwAuth_Uls_M_f32         0.25           VehDyn_SLPHwPos_HwDeg_M_f32         .778.609885           VehDyn_SthWeyJutTimer_ms_M_u32         1050692864           k_HSpdVDAuthority_Uls_f32         0           k_HSpdVDAuthority_Uls_f32         1           k_LSpdVDAuthority_Uls_f32         1           k_LSpdVDAuthority_Uls_f32         1           k_SyskinRatio_MtDegpHwDeg_f32         32.000017           k_SyskinRatio_MtDegpHwDeg_f32         32.0099985           k_TraveXDCHwAuthority_Uls_f32         32.0099985           k_TraveXDCHwAuthority_Uls_f32         0.112175003           target_BipmemEm_mS_u32_ElapsedTime         21277166208           target_Rel_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime         41277166208           target_Rel_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_CurrentTime         437401088           target_Rel_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_CurrentTime         437401088           target_Rel_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_CurrentTime         437401088           target_Rel_Call_Ap_VehDyn_VehDyn_Perl_CeVEOT_HwDeg_f32         4479401088           target_Rel_Call_Ap_VehDyn_VehDyn_Perl_Mebor_VerlEr_MerkTadps_f32         4479401088           target_Rel_mst_Ap_VehDyn_VehDyn_Perl_RelHwPos_HwDeg_f32         4479440997_Perl_Merl_Mebor_RelT_RelTwAdps_f32         4479440997_Perl_Merl		
VehDyn_StPHwPos_HwDeg_M_f32         -778.609985           VehDyn_StHwAgVldTimer_mS_M_u32         1050692864           k_HSpdVDAuthority_Lis_f32         0           k_LKSpdVDAuthority_Lis_f32         6.32000017           k_LSpdVDAuthority_Lis_f32         1           k_SriHwAgVldTiThd_mS_u32         701           k_SriHwAgVldTiThd_mS_u32         701           k_TravelXCDeadband_Uis_f32         87.8399963           k_TravelXCHwAuthority_Uis_f32         1.12175003           target_DTIMEIapsedTime_mS_u32_ElapsedTime         2127166208           target_GetSystemTime_mS_u32_CurrentTime         309385728           target_Rie_Call_AD_VehDyn_SystemTime_DetromElapsedTime_mS_u32_ElapsedTime         3437401088           target_Rie_lnst_AD_VehDyn_VehDyn_Perl_CowEOT_HwDeg_f32         target_Rie_lnst_AD_VehDyn_VehDyn_Perl_CowEOT_HwDeg_f32         target_VehDyn_Perl_CowEOT_HwDeg_f32           target_Rie_Inst_AD_VehDyn_VehDyn_Perl_MotorVeiCRF_MitradpS_f32         target_VehDyn_Perl_MotorVeiCRF_MitradpS_f32         target_VehDyn_Perl_MotorVeiCRF_MitradpS_f32         target_VehDyn_Perl_MotorVeiCRF_MitradpS_f32         target_VehDyn_Perl_MotorVeiCRF_MitradpS_f32         target_VehDyn_Perl_SensoriessAuthority_Uis_f32         target_VehDyn_Perl_SensoriessAuthority_Uis_f32         target_VehDyn_Perl_SensoriessAuthority_Uis_f32         target_VehDyn_Perl_SensoriessAuthority_Uis_f32         target_VehDyn_Perl_SensoriessAuthority_Uis_f32         target_VehDyn_Perl_Sensori	VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000400999998
VehDyn_SrithwagvidTimer_mS_M_u32         1050692864           k_HISpdVDAuthority_Uls_f32         0           k_HWTqMgnThd_HwNm_f32         6.32000017           k_LOSpdVDAuthority_Uls_f32         1           k_SrithwagvidTiThd_ms_us2         701           k_SysKinRatio_MtrDepptwDeg_f32         32.099985           k_TravelXCDeadband_Uls_f32         87.8399963           k_TravelXCHwAuthority_Uls_f32         0.112175003           target_DtrmnElapsedTime_mS_u32_ElapsedTime         2127166208           target_Recall_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime         309385728           target_Recall_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_CurrentTime         1050992864           target_Recall_Ap_VehDyn_VehDyn_Perl_CwEOT_HwDeg_f32         1050992864           target_Recall_Ap_VehDyn.VehDyn_Perl_CwEOT_HwDeg_f32         1050992864           target_Recall_No_VehDyn_VehDyn_Perl_MotorYeCRF_MtrRadpS_f32         1050992864           target_Recall_No_VehDyn_VehDyn_Perl_MotorYeCRF_MtrRadpS_f32         1050992864           target_Recall_No_VehDyn_VehDyn_Perl_MotorYeCRF_MtrRadpS_f32         1050992864           target_Recall_No_VehDyn_VehDyn_Perl_MotorYeCRF_MtrRadpS_f32         1050992864           target_Recall_No_VehDyn_VehDyn_Perl_SensoriessAthority_Uls_f32         1050992864           target_Recall_No_VehDyn_VehDyn_Perl_SensoriessAthority_Uls_f32         10	VehDyn_SLPHwAuth_Uls_M_f32	0.25
k_HiSpdVDAuthority_Uls_f32         0           k_HwTqMgnThd_HwMm_f32         6.32000017           k_LoSpdVDAuthority_Uls_f32         1           k_SyskinRatio_MtrDegpHwDeg_f32         32.099985           k_TravelXCDeadband_Uls_f32         87.8399963           k_TravelXCDeadband_Uls_f32         0.112175003           k_arget_DtmnflapsedTime_mS_u32_ElapsedTime         2127166208           target_DtmnflapsedTime_mS_u32_CurrentTime         303885728           target_Re_Gall_Ap_VeNpn_SystemTime_DtmmElapsedTime_mS_u32_CurrentTime         43474401088           target_Rte_Call_Ap_VeNpn_SystemTime_GetSystemTime_mS_u32_CurrentTime         1056962864           target_Rte_Inst_Ap_VeNbpn_VeNbpn_Per1_CwEOT_HwDeg_f32         12 target_Rte_Inst_Ap_VeNbpn_VeNbpn_Per1_HwTorque_HwNm_f32         12 target_VeNbpn_Per1_CwEOT_HwDeg_f32           target_Rte_Inst_Ap_VeNbpn_VeNbpn_Per1_MotorVeICRF_MtrRadpS_f32         12 target_VeNbpn_Per1_MotorVeICRF_MtrRadpS_f32         12 target_VeNbpn_Per1_MotorVeICRF_MtrRadpS_f32           target_Rte_Inst_Ap_VeNbpn_VeNbpn_Per1_SensorlessAuthority_Uls_f32         12 target_Rte_Inst_Ap_VeNbpn_VeNbpn_Per1_SensorlessAuthority_Uls_f32         12 target_Rte_Inst_Ap_VeNbpn_VeNbpn_Per1_SensorlessAuthority_Uls_f32         12 target_VeNbpn_Per1_SensorlessAuthority_Uls_f32         12 target_VeNbpn_Per1_SensorlessAuthority_Uls_f32         12 target_VeNbpn_Per1_SensorlessAuthority_Uls_f32         12 target_VeNbpn_Per1_SensorlessAuthority_Uls_f32         12 target_VeNbpn_Per1_SensorlessAuthority_Uls	VehDyn_SLPHwPos_HwDeg_M_f32	-778.609985
k_HwTqMgnTnd_HwNm_f32         6.32000017           k_LoSpdVDAuthority_Uls_f32         1           k_SrlHwAgVldTiThd_mS_u32         701           k_SysKinRatio_MtrDegpHwDeg_f32         32.0999985           k_TravelXCHwAuthority_Uls_f32         87.8399963           k_TravelXCHwAuthority_Uls_f32         0.112175003           target_DtrmElapsedTime_mS_u32_CurrentTime         2127166208           target_GetSystemTime_mS_u32_CurrentTime         309385728           target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_LiapsedTi         1437401088           target_Rte_Call_Ap_VehDyn_SystemTime_mS_u32_CurrentTime         1056982884           target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorvelCRF_MtrRadps_f32         target_VehDyn_Per1_HwTorque_HwNm_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uls_f32         target_VehDyn_Per1_RelHwPos_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uls_f32         target_VehDyn_Per1_SensoriessAuthority_Uls_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uls_f32         target_VehDyn_Per1_SensoriessHwPos_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SirthwAgVid_Cnt_lgc         target_VehDyn_Per1_SirthwA	VehDyn_SrlHwAgVldTimer_mS_M_u32	1050692864
k_LioSpdVDAuthority_Uis_f32	k_HiSpdVDAuthority_Uls_f32	0
k_SriHwagVldTiThd_mS_u32         701           k_SysKinRatio_MtrDegpHwDeg_f32         32.0999985           k_TraveIXCDeadband_Uls_f32         87.8399963           k_TraveIXCHwAuthority_Uls_f32         0.112175003           target_DtrmnElapsedTime_mS_u32_ElapsedTime         2127166208           target_GetSystemTime_mS_u32_CurrentTime         309385728           target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_CurrentTime         1050692864           target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_Mrorque_HwNm_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_Motor/velCRF_MtrRadpS_f32         target_VehDyn_Per1_HwTorque_HwNm_f32         target_VehDyn_Per1_Motor/velCRF_MtrRadpS_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uls_f32         target_VehDyn_Per1_RelHwPos_HwDeg_f32         target_VehDyn_Per1_RelHwPos_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uls_f32         target_VehDyn_Per1_SensoriessAuthority_Uls_f32         target_VehDyn_Per1_SensoriessAuthority_Uls_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SiHwAg_HwDeg_f32         target_VehDyn_Per1_SiHwAg_HwDeg_f32         target_VehDyn_Per1_SiHwAg_HwDeg_f32         target_VehDyn_Per1_SiHwAg_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32         target_VehDyn_Per1_SiHwAg_HwDeg_f32         target_VehDyn_Per1_VehicleSpeed_Kph_f32         tar	<_HwTqMgnThd_HwNm_f32	6.32000017
k_SysKinRatio_MtrDegPHwDeg_f32         32.0999985           k_TraveIXCDeadband_Uls_f32         87.8399963           k_TraveIXCHWAuthority_Uls_f32         0.1121765008           target_DtrmnElapsedTime_mS_u32_ElapsedTime         2127166208           target_CelSystemTime_mS_u32_CurrentTime         309385728           target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_CurrentTime         105082864           target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         105082864           target_Rte_Inst_Ap_VehDyn_VehDyn_Perl_CwEOT_HwDeg_f32         target_VehDyn_Perl_CwEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Perl_HwTorque_HwNm_f32         target_VehDyn_Perl_HwTorque_HwNm_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Perl_Aperl_RelHwPos_HwDeg_f32         target_VehDyn_Perl_MotorvelCRF_MtrRadpS_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Perl_SensorlessAuthority_Uls_f32         target_VehDyn_Perl_SensorlessAuthority_Uls_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Perl_SensorlessAuthority_Uls_f32         target_VehDyn_Perl_SensorlessAuthority_Uls_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Perl_SensorlessAuthority_Uls_f32         target_VehDyn_Perl_SensorlessAuthority_Uls_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Perl_SensorlessAuthority_Uls_f32         target_VehDyn_Perl_SensorlessAuthority_Uls_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Perl_SirlHwAg_HwDeg_f32         target_VehDyn_Perl_SirlHwAg_HwDeg_f32           ta	<ul><li>_LoSpdVDAuthority_Uls_f32</li></ul>	1
k_TravelXCDeadband_Uls_f32	c_SrlHwAgVldTiThd_mS_u32	701
k_TravelXCHwAuthority_Uls_f32	k_SysKinRatio_MtrDegpHwDeg_f32	32.0999985
target_DtrmnElapsedTime_mS_u32_ElapsedTime  target_GetSystemTime_mS_u32_CurrentTime  309385728  3437401088  target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime  target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SirlHwAgVid_Cnt_lgc  target_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_VehDyn_Per1_SirlHwAgVid_Cnt_lgc  target_VehDyn_Per1_SirlHwAgVid_Cnt_lgc  target_VehDyn_Per1_SirlHwAgVid_Cnt_lgc  target_VehDyn_Per1_SirlHwAgVid_Cnt_lgc  target_VehDyn_Per1_SirlHwAgVid_Cnt_lgc  target_VehDyn_Per1_SirlHwAg_HwDeg_f32  target_VehDyn_Per1_SirlHwAg_HwDeg_f32  target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_CcwEOT_HwDeg_f32.value  -8.66000042  target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value  1100.09998  target_VehDyn_Per1_RelHwPos_HwDeg_f32.value  -339.980011	C TravelXCDeadband Uls f32	87.8399963
target_DtrmnElapsedTime_mS_u32_ElapsedTime  target_GetSystemTime_mS_u32_CurrentTime  309385728  3437401088  target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime  target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SirlHwAgVid_Cnt_lgc  target_VehDyn_Per1_SensorlessAuthority_Uls_f32  target_VehDyn_Per1_SirlHwAgVid_Cnt_lgc  target_VehDyn_Per1_SirlHwAgVid_Cnt_lgc  target_VehDyn_Per1_SirlHwAgVid_Cnt_lgc  target_VehDyn_Per1_SirlHwAgVid_Cnt_lgc  target_VehDyn_Per1_SirlHwAgVid_Cnt_lgc  target_VehDyn_Per1_SirlHwAg_HwDeg_f32  target_VehDyn_Per1_SirlHwAg_HwDeg_f32  target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_CcwEOT_HwDeg_f32.value  -8.66000042  target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value  1100.09998  target_VehDyn_Per1_RelHwPos_HwDeg_f32.value  -339.980011	TraveIXCHwAuthority Uls f32	0.112175003
target_GetSystemTime_mS_u32_CurrentTime  target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SirlWagVid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SirlWag_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SirlWag_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SirlWag_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SirlWag_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value  4943.609985 target_VehDyn_Per1_WehDyn_Per1_WehDyn_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value  40000042 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value 430000042 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value 430000042 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value 430000014		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uis_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uis_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uis_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uis_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SriHwAgVld_Cnt_igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SriHwAgVld_Cnt_igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SriHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value  1100.09998 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -339.980011	· - ·	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uis_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uis_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVId_Cnt_igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVId_Cnt_igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_igc target_VehDyn_Per1_VehicleSpeedValid_Cnt_igc target_VehDyn_Per1_VehicleSpeedValid_Cnt_igc target_VehDyn_Per1_VehicleSpeedValid_Cnt_igc target_VehDyn_Per1_CewEOT_HwDeg_f32.value  1236.89294 target_VehDyn_Per1_CwEOT_HwDeg_f32.value  1236.89294 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value  1100.09998 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value  -339.980011		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwMm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SriHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SriHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SriHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 4.8.06000042 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value 3.39.980011		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 1100.09998 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -339.980011		V - V V-
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SriHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SriHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SriHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 1236.89294 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 1399.880011		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 339.980011		0 = 7 = = -
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_CowEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value 339.980011		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value 339.980011		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value 339.980011		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value 339.980011		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwebOr_HwDeg_f32.value target_VehDyn_Per1_CwebOr_HwDeg_f32.value target_VehDyn_Per1_CwebOr_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_LwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value -943.609985 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1236.89294 target_VehDyn_Per1_HwTorque_HwNm_f32.value -8.06000042 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 1100.09998 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -339.980011		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -943.609985 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1236.89294 target_VehDyn_Per1_HwTorque_HwNm_f32.value -8.06000042 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 1100.09998 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -339.980011		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1236.89294 target_VehDyn_Per1_HwTorque_HwNm_f32.value -8.06000042 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 1100.09998 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -339.980011		
target_VehDyn_Per1_HwTorque_HwNm_f32.value -8.06000042 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 1100.09998 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -339.980011		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 1100.09998 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -339.980011	arget_VehDyn_Per1_CwEOT_HwDeg_f32.value	1236.89294
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -339.980011	arget_VehDyn_Per1_HwTorque_HwNm_f32.value	-8.06000042
	arget_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1100.09998
target VehDvn Per1 SrlHwAgVld Cnt lac value	arget_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-339.980011
arget_veribyri_rerr_orinwagviu_orit_igo.value U	arget_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value -778.609985	arget_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-778.609985
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value 1.29999995		1.2999995
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value		1.
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 120.349998		120.349998

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Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	309385728	309385728	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758	3174948758	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-339.980011	-339.980011 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-339.980011	-339.980011 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2345892860	2345892860	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758	3174948758	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-339.980011	-339.980011 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-339.980011	-339.980011 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892860	2345892860	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758	3174948758	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-339.980011	-339.980011 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-339.980011	-339.980011 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1236.89294	1236.89294	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-943.609985	-943.609985	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.59373665	7.59373665 ± 0.000009	<b>✓</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	1050692864	1050692864	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.25	0.25 ± 0.004	<b>✓</b>
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1118.58997	-1118.58997 ± 0.1	<b>✓</b>

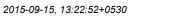
Test Step Call Trace			<b>✓</b>	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.87 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	498.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	206.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	3.0999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	97.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	30404
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	30349
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000828000018
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000828000018
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	400.200012
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	18
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	12

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000615999976
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000224000003
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	498.399994
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	166.100006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	20
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	25.3999996
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	60000
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3277
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.05999994e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000828000018
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1.
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	897.609985
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn Initialize Cnt M Igc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	813.445984
VehDyn_MinOffset_HwDeg_M_f32	-844.278015
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.5
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000410999986
VehDyn_SLPHwAuth_Uls_M_f32	0.419999987
VehDyn_SLPHwPos_HwDeg_M_f32	-676.01001
VehDyn_SrlHwAgVldTimer_mS_M_u32	954802432
k_HiSpdVDAuthority_Uls_f32	0
k_HwTqMgnThd_HwNm_f32	2.0999999
k LoSpdVDAuthority UIs f32	1
k_SrlHwAgVldTiThd_mS_u32	456
k_SysKinRatio_MtrDegpHwDeg_f32	52.5
k TravelXCDeadband Uls f32	77.5400009
k TravelXCHwAuthority Uls f32	0.124425001
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4164171008
target GetSystemTime mS u32 CurrentTime	2127166208
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target VehDyn Per1 CcwEOT HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target VehDyn Per1 HwTorque HwNm f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_vehDyn_Per1_RelHwPos_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessAuthority Uls f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_vehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-881.01001
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1345.96301
	3.7999995
target_VehDyn_Per1_HwTorque_HwNm_f32.value	88.8000031
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	0
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-676.01001 7.80000019
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.80000019
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	





Name	Input Value		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	45.4099998		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2127166208	2127166208	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295	4290967295	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024	1024	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295	4290967295	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024	1024	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295	4290967295	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	813.445984	813.445984	~
VehDyn_MinOffset_HwDeg_M_f32	-844.278015	-844.278015	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.50100636	1.50100636 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	954802432	954802432	<b>~</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-897.609985	-897.609985 ± 0.1	<b>~</b>

Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	<b>✓</b>

Test Step 2.88 (Repeat Count = 1)	
Name	Innut Value
	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	350.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	3.0999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	34188
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004656
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.69995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000818
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.69995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000818
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	66.5400009

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	124
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.1000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.1999969
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	8366
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	51002
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.69995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000606000016
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.69995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000203999996
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	350.600006
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156.600006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.2999995
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	78.8000031
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	34738
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36612
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004656
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.69995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.85999987e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.69995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000818
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	398.059998
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	788.486023
VehDyn_MinOffset_HwDeg_M_f32	-877.697998 - <b>7</b>
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-7
VehDyn_PinTrqSV_M_str.K_UIs_f32 VehDyn_SLPHwAuth_UIs_M_f32	0.000406000006 0.335000008
VehDyn SLPHwPos HwDeg M f32	-727.309998
VehDyn SrlHwAgVldTimer mS M u32	7858
k_HiSpdVDAuthority_UIs_f32	1
k_HwTqMgnThd_HwNm_f32	1.10000002
k_LoSpdVDAuthority_UIs_f32	0
k_SrlHwAgVldTiThd_mS_u32	20045
k_SysKinRatio_MtrDegpHwDeg_f32	56.5
k_TravelXCDeadband_Uls_f32	82.6900024
k_TravelXCHwAuthority_UIs_f32	0.118299998
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2075080192
target_GetSystemTime_mS_u32_CurrentTime	3437401088
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_Elapsed$	2127166208
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	7858
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_UIs_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVId_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_Rte_inst_Ap_venDyn_VenDyn_Peri_venicieSpeed_Rpn_f32 target_VehDyn_Peri_CcwEOT_HwDeg_f32.value	-912.309998
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	-912.309996 1291.42798
target VehDyn Per1 HwTorque HwNm f32.value	2.79999995
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.400024
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1259.69995
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-727.309998
<del>_</del>	

VehDyn\_Per1





Name	Input Value		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.19999981		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	25.8700008		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733	3382212733	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.69995	1259.69995 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.69995	1259.69995 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3437401088	3437401088	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656	4004004656	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.69995	1259.69995 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.69995	1259.69995 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3437401088	3437401088	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004656	4004004656	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.69995	1259.69995 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.69995	1259.69995 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1291.42798	1291.42798	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-912.309998	-912.309998	•
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-6.99596214	-6.99596214 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	7858	7858	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.335000008	0.335000008 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	532.389954	532.390015 ± 0.1	<b>✓</b>

Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	_

Test Step 2.89 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	400.299988
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.300003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	5.30000019
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	41.2999992
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1593.90002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000820000016
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1593.90002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000820000016
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0

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0207999998  5 5 5 99 82 9476707 1268631 3.90002 000018e-005 3.90002
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9525
302432
1315776
3378688
et_VehDyn_Per1_CcwEOT_HwDeg_f32
et_VehDyn_Per1_CwEOT_HwDeg_f32
et_VehDyn_Per1_HwTorque_HwNm_f32
et_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
et_VehDyn_Per1_RelHwPos_HwDeg_f32
et_VehDyn_Per1_SensorlessAuthority_Uls_f32
et_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
et_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
et_VehDyn_Per1_SrlHwAg_HwDeg_f32
et_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
et_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
et_VehDyn_Per1_VehicleSpeed_Kph_f32
2.33496
04119 .00 000 000 999 960 95 95 960 95 95 960 97 98 98 98 98 98 98 98 98 98 98 98 98 98





Name	Input Value		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-456.100006		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1593		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-717.049988		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.39999962		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	30.4099998		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3494315776	3494315776	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631	4211268631	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1593.90002	-1593.90002 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1593.90002	-1593.90002 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3589476707	3589476707	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631	4211268631	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1593.90002	-1593.90002 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1593.90002	-1593.90002 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476707	3589476707	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631	4211268631	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1593.90002	-1593.90002 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1593.90002	-1593.90002 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	793.478027	793.478027	~
VehDyn_MinOffset_HwDeg_M_f32	687	687	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.79798317	7.79798317 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	333	333	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.90 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	100.099998
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	186.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-136.300003
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000777999987
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-136.300003

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000777999987
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	138.199997
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	126.199997
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	12
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52.4000015 32821
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-136.300003
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000566000002
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000907999987
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	100.099998
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	186.5
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	100
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-136.300003
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.0599997e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-136.300003
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000777999987
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	1596.97998
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn Initialize Cnt M Igc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn MaxOffset HwDeg M f32	688.645996
VehDyn_MinOffset_HwDeg_M_f32	-1011.37799
VehDyn_PinTrqSV_M_str.SV_Uls_f32	8.89999962
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000386
VehDyn_SLPHwAuth_Uls_M_f32	0.0270000007
VehDyn_SLPHwPos_HwDeg_M_f32	-932.51001
VehDyn_SrlHwAgVldTimer_mS_M_u32	1316564736
k_HiSpdVDAuthority_Uls_f32	0
k_HwTqMgnThd_HwNm_f32	1.10000002
k_LoSpdVDAuthority_Uls_f32	0.560000002
k_SrlHwAgVldTiThd_mS_u32	70
k_SysKinRatio_MtrDegpHwDeg_f32	41.0999985
k_TravelXCDeadband_Uls_f32	93.4100037
k_TravelXCHwAuthority_UIs_f32	0.0938000008
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2212175616
target_GetSystemTime_mS_u32_CurrentTime	3437401088
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_venDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_venDyn.VenDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_venDyn.VenDyn_Per1_ReiHwPos_HwDeg_132 target_Rte_Inst_Ap_vehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_venDyn_Per1_ReiHwPos_HwDeg_132 target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_venDyn.VenDyn_Per1_SensorlessAuthority_Ois_i32 target_Rte_Inst_Ap_vehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_venDyn.VenDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_TorgueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	





venDyn_Peri			MACICAL
Name	Input Value		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1073.28796		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-6.01000023		
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	-897.599976		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-136.300003		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-932.51001		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.89999998		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	452.540009		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	3437401088	3437401088	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733	3382212733	~
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-136.300003	-136.300003 ± 0.0009	<b>✓</b>
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-136.300003	-136.300003 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784	2967684784	✓
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733	3382212733	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-136.300003	-136.300003 ± 0.0009	✓
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	0	0 ± 0.000009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	✓
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	1	1	<b>✓</b>
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	1	1	✓
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784	2967684784	✓
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733	3382212733	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-136.300003	-136.300003 ± 0.0009	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-136.300003	-136.300003 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	✓
VehDyn_Initialize_Cnt_M_lgc	1	1	✓
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	✓
VehDyn_MaxOffset_HwDeg_M_f32	1073.28796	1073.28796	✓
VehDyn_MinOffset_HwDeg_M_f32	-1037.51001	-1037.51001	✓
VehDyn_PinTrqSV_M_str.SV_Uls_f32	8.89422607	8.89422703 ± 0.000009	✓
VehDyn_SrlHwAgVldTimer_mS_M_u32	1316564736	1316564736	✓
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	<b>✓</b>
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.91 (Repeat Count = 1)	variable and the second of
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.300003
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	186.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	7.0999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	88.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	26195
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22037
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004656
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000823999988
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000823999988
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	120
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	52.0999985
VehDyn AutoCntrHiSpd M str.FiltPinTrq HwNm f32	16
VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	78.1999969
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	4004004656
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000612000003
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000216
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	200.699997
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	146.699997
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.69999981
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.2000008
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43190
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3186
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004656
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.98000006e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000823999988
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn ForceCenterOffset HwDeg M f32	697.789978
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	803.461975
VehDyn_MinOffset_HwDeg_M_f32	-857.645996
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.4000001
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000409
VehDyn_SLPHwAuth_Uls_M_f32	0.386000007
	-696.530029
VehDyn_SLPHwPos_HwDeg_M_f32	
VehDyn_SrlHwAgVldTimer_mS_M_u32	89763
k_HiSpdVDAuthority_Uls_f32	0
k_HwTqMgnThd_HwNm_f32	0.00120000006
k_LoSpdVDAuthority_Uls_f32	1
k_SrlHwAgVIdTiThd_mS_u32	90
k_SysKinRatio_MtrDegpHwDeg_f32	96.0999985
k_TravelXCDeadband_Uls_f32	79.5999985
k_TraveIXCHwAuthority_UIs_f32	0.121974997
target_DtrmnElapsedTime_mS_u32_ElapsedTime	824746752
target_GetSystemTime_mS_u32_CurrentTime	1759885568
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_ElapsedT$	ii 3039943680
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpee	ed Kph f32	
target VehDyn Per1 CcwEOT HwDeg f32.value	-893.530029		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1324.14905		
target VehDyn Per1 HwTorque HwNm f32.value	3.4000001		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1023.04999		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1600		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-696.530029		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	36.7700005		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	✓
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1759885568	1759885568	✓
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322	54822322	✓
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	✓
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	✓
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	✓
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004656	4004004656	✓
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322	54822322	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	✓
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	✓
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	✓
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	✓
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	✓
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004656	4004004656	✓
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322	54822322	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	✓
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	✓
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	✓
VehDyn_Initialize_Cnt_M_lgc	1	1	✓
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	✓
VehDyn_MaxOffset_HwDeg_M_f32	1324.14905	1324.14905	✓
VehDyn_MinOffset_HwDeg_M_f32	-893.530029	-893.530029	✓
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.39637709	-5.39637709 ± 0.000009	✓
VehDyn_SrlHwAgVldTimer_mS_M_u32	89763	89763	✓
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	902.210022	902.210022 ± 0.1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Fest Step 2.92 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime	
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	457.899994	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	196.899994	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	5.9000001	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.9000015	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43190	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3186	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	45.0099983
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000826000003
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	45.0099983
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000826000003
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	350.399994
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	34
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.1999998
	96
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	40437
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	13059
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	45.0099983
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000614000019
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	45.0099983
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000220000002
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VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	457.100006
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156.199997
VehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	13.1999998
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	10.3000002
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	30349
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	45.0099983
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.02e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	45.0099983
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000826000003
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn ForceCenterOffset HwDeg M f32	797.700012
VehDyn HiSpdLearnt Cnt M Igc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	808.453979
VehDyn_MinOffset_HwDeg_M_f32	-850.961975
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.5999999
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000410000008
VehDyn_SLPHwAuth_Uls_M_f32	0.402999997
VehDyn SLPHwPos HwDeg M f32	-686.27002
VehDyn_SrlHwAgVldTimer_mS_M_u32	2075080192
k_HiSpdVDAuthority_UIs_f32	1
k_HwTqMgnThd_HwNm_f32	1.10000002
k_LoSpdVDAuthority_Uls_f32	0
k_SrlHwAgVldTiThd_mS_u32	70
k_SysKinRatio_MtrDegpHwDeg_f32	32.2999992
k TravelXCDeadband Uls f32	78.5699997
k TravelXCHwAuthority Uls f32	0.123199999
target_DtrmnElapsedTime_mS_u32_ElapsedTime	309385728
target_GetSystemTime_mS_u32_CurrentTime	1662097408
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u33_ElapsedTi	
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	2075080192
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmo	dCRF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-887.27002		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1335.05603		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	3.5999999		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-147.600006		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	45.0099983		
target_VehDyn_Per1_SrlHwAgVId_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-686.27002		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	38.6300011		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631	4211268631	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024	1024	<b>~</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	45.0099983	45.0099983 ± 0.00009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	45.0099983	45.0099983 ± 0.00009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1662097408	1662097408	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024	1024	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	45.0099983	45.0099983 ± 0.00009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	45.0099983	45.0099983 ± 0.000009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1662097408	1662097408	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024	1024	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	45.0099983	45.0099983 ± 0.00009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	45.0099983	45.0099983 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1335.05603	1335.05603	-
VehDyn_MinOffset_HwDeg_M_f32	-887.27002	-887.27002	·
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.5982585	7.5982585 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2075080192	2075080192	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	-
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	-752.690002	-752.690002 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.93 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime	
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	498.100006	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	206.100006	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	3.0999999	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	97.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	30404
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	30349
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000828000018
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000828000018
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	400.200012 18
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	12
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000615999976
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000224000003
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	498.399994
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	166.100006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	19.2999992
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	25.3999996
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	60000
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3277
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.05999994e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000828000018
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterErlabled_Citi_wi_gc  VehDyn_ForceCenterOffset_HwDeg_M_f32	897.609985
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn Initialize Cnt M Igc	1
VehDyn LoSpdLearnt Cnt M Igc	1
VehDyn_MaxOffset_HwDeg_M_f32	813.445984
VehDyn_MinOffset_HwDeg_M_f32	-844.278015
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.5
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000410999986
VehDyn_SLPHwAuth_Uls_M_f32	0.419999987
VehDyn_SLPHwPos_HwDeg_M_f32	-676.01001
VehDyn_SrlHwAgVldTimer_mS_M_u32	954802432
k_HiSpdVDAuthority_UIs_f32	0
k_HwTqMgnThd_HwNm_f32	2.0999999
k_LoSpdVDAuthority_UIs_f32	1
k_SrlHwAgVldTiThd_mS_u32	456
k_SysKinRatio_MtrDegpHwDeg_f32	52.5
k_TravelXCDeadband_Uls_f32	77.5400009
k_TravelXCHwAuthority_Uls_f32	0.124425001
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4164171008
target_GetSystemTime_mS_u32_CurrentTime	2127166208
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_ElapseTime\_mS\_u332\_ElapseTime\_mS\_u332\_ElapseTime\_mS\_u332\_ElapseTim$	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	
target_Rte_Inst_Ap_VenDyn.VenDyn_Per1_HW1orque_HWNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAut	hority_Uls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHw	Pos_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_C	Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwD	0eg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCF	RF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeed\	Valid Cnt Igc	
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target_VehDyn_Per1_VehicleSpeed_		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-881.01001		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1345.96301		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	3.79999995		
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	88.8000031		
target VehDyn Per1 RelHwPos HwDeg f32.value	0		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-676.01001		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.80000019		
target VehDyn Per1 VehicleSpeedValid Cnt lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	45.4099998		
Name	Actual Value	Expected Value	Resul
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	Resul
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2127166208	2127166208	
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	4290967295	4290967295	
· - · ·			
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024	1024	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295	4290967295	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024	1024	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295	4290967295	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	
VehDyn_Initialize_Cnt_M_lgc	1	1	
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	
VehDyn_MaxOffset_HwDeg_M_f32	813.445984	813.445984	
VehDyn_MinOffset_HwDeg_M_f32	-844.278015	-844.278015	
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.50100636	1.50100636 ± 0.000009	
VehDyn_SrlHwAgVldTimer_mS_M_u32	954802432	954802432	
target VehDyn Per1 SensorlessAuthority Uls f32.value	1	1 ± 0.004	
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-897.609985	-897.609985 ± 0.1	

Test Step Call Trace   ✓				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDvn Per1 CP1 ChecknointReached	1	Rte Call VehDyn Per1 CP1 ChecknointReached	1	_

Test Step 2.94 (Repeat Count = 1)	🗸
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	539.799988

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	216.800003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	1,7999995
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.8000031
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	10412
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	3277
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-275.019989
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000829999975
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-275.019989
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000829999975
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	600.200012
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	88.4000015
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.1999998
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52.2000008
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn_AutoCotrHiSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCotrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCotrHiSpd_M_str.RelHwPosFilt1SV_HwDag_str.SV_Llls_f32	-275.019989
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	-275.019989
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-275.019989
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000228000004
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	539.099976
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	176.100006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.0999999
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.0999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	16683
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22497
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-275.019989
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.09999988e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-275.019989
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000829999975
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	997.52002
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	818.437988
VehDyn_MinOffset_HwDeg_M_f32	-837.593994
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000411999994
VehDyn SLPHwAuth Uls M f32	0.437000006
VehDyn_SLPHwPos_HwDeg_M_f32	-665.75
VehDyn_SrlHwAgVldTimer_mS_M_u32	2728878080
k_HiSpdVDAuthority_UIs_f32	0.89999976
k_HwTqMgnThd_HwNm_f32	3.0999999
k_LoSpdVDAuthority_Uls_f32	0.10000001
k_SrlHwAgVldTiThd_mS_u32	3229
k_SysKinRatio_MtrDegpHwDeg_f32	41.0999985
k_TravelXCDeadband_Uls_f32	76.5100021
k_TravelXCHwAuthority_UIs_f32	0.125650004
target_DtrmnElapsedTime_mS_u32_ElapsedTime	437658624
target_GetSystemTime_mS_u32_CurrentTime	4243378688
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime	54689
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	2728878080
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
	target_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF	MtrRadpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_H	lwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessA	uthority_Uls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessH	wPos_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_	Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_Hw	Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdC	CRF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeed	dValid_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed	d_Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-874.75		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1356.87		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	4		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-75.5400009		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-275.019989		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-665.75		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	3.20000005		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	456.869995		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322	54822322	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779	1078320779	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-275.019989	-275.019989 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-275.019989	-275.019989 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4243378688	4243378688	✓
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779	1078320779	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-275.019989	-275.019989 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-275.019989	-275.019989 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	✓
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4243378688	4243378688	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779	1078320779	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-275.019989	-275.019989 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-275.019989	-275.019989 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	818.437988	818.437988	~
VehDyn_MinOffset_HwDeg_M_f32	-599.72998	-599.72998	•
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.59766078	-1.59766078 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2728878080	2728878080	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte Call VehDvn Per1 CP1 ChecknointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	_

Test Step 2.95 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime

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Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	580.099976
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156.100006
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.0999999
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	42.0999985
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	16683
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22497
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	109643620
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000831999991
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-880.02002
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000831999991
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	200
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	76
rehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.4000001
/ehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	10
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	52282
	109643620
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000620000006
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-880.02002
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000232000006
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	580.01001
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	186.199997
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	5.01000023
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	56.0999985
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	0
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	109643620
/ehDyn AutoCntrLoSpd M str.Timer2 mS u32	2138628886
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.14000019e-005
'ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-880.02002
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000831999991
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_ForceCenterEnabled_Cnt_M_lgc	1
ehDyn_ForceCenterEnabled_Cnt_M_igc	1097.43005
,	
/ehDyn_HiSpdLearnt_Cnt_M_lgc	1
/ehDyn_Initialize_Cnt_M_lgc	0
/ehDyn_LoSpdLearnt_Cnt_M_lgc	1
/ehDyn_MaxOffset_HwDeg_M_f32	-823.429993
/ehDyn_MinOffset_HwDeg_M_f32	-830.909973
/ehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.8000002
/ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000413000002
ehDyn_SLPHwAuth_Uls_M_f32	0.453999996
ehDyn_SLPHwPos_HwDeg_M_f32	-655.48999
ehDyn_SrlHwAgVldTimer_mS_M_u32	824746752
_HiSpdVDAuthority_Uls_f32	0
_HwTqMgnThd_HwNm_f32	4.099999
LoSpdVDAuthority_Uls_f32	0.600000024
SrlHwAgVldTiThd_mS_u32	987
_SysKinRatio_MtrDegpHwDeg_f32	63.0999985
,	75.4800034
TravelXCDeadhand Uls f32	. 5 55500
_TraveIXCDeadband_Uls_f32 _TraveIXCHwAuthority_Uls_f32	0.126874998
_TravelXCHwAuthority_Uls_f32	0.126874998
	0.126874998 3941357312 1050692864





Name	Input Value		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	824746752		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target VehDyn Per1 RelHwPos HwDeg f3.		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_L		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target VehDyn Per1 SrlHwAg HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr	nt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3.	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-868.48999		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1367.77698		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	4.19999981		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-900.099976		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-880.02002		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-655.48999		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.4000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	45.6399994		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	1050692864	1050692864	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886	2138628886	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002	-880.02002 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-880.02002	-880.02002 ± 0.0009	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	109643620	109643620	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886	2138628886	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002	-880.02002 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-880.02002	-880.02002 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	109643620	109643620	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886	2138628886	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002	-880.02002 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-880.02002	-880.02002 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	-
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	1367.77698	1367.77698	-
VehDyn_MinOffset_HwDeg_M_f32	-868.48999	-868.48999	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.7921886	-14.7921886 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	824746752	824746752	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Rte Call VehDvn Per1 CP1 ChecknointReached	1	Rte Call VehDyn Per1 CP1 ChecknointReached	1	_

Test Step 2.96 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime

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Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	66
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	116
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	54
VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	53759
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18715
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1590.80005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00080999998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1590.80005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00080999998
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	56.2000008
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	246.100006
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6.19999981
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.1999969
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1590.80005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000598000013
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1590.80005
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000188000005
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	66.4000015
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	255
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.1999998
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	53.2999992
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21364
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	60000
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1590.80005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.70000011e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1590.80005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000809999998
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1.58000004
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Igc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn MaxOffset HwDeg M f32	768.518005
VehDyn MinOffset HwDeg M f32	-904.434021
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.5
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000402000005
VenDyn_PirtrigSv_M_sir.k_ois_i32 VehDyn_SLPHwAuth_Uls_M_f32	0.26699999
VehDyn_SLPHwPos_HwDeg_M_f32	-768.349976
VehDyn_SrlHwAgVldTimer_mS_M_u32	3039943680
k_HiSpdVDAuthority_Uls_f32	1
k_HwTqMgnThd_HwNm_f32	1
k_LoSpdVDAuthority_Uls_f32	0
k_SrlHwAgVldTiThd_mS_u32	702
k_SysKinRatio_MtrDegpHwDeg_f32	52
k_TravelXCDeadband_Uls_f32	86.8099976
k_TravelXCHwAuthority_Uls_f32	0.113399997

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target_Re_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_target_Rte_Call_Ap_VehDyn_SystemTime_mS_u32_CurrentTime_target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CowEOT_HwDeg_f32_target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32_target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32_target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32_target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32_target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32_target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32_target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32_target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32_target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32_target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32_target_VehDyn_Per	Name	Input Value		
larget Ric Call Ap, VehDyn, SystemTime, DitmcBlapsedTime, ms_u32_ElapsedTime   SystemTime   Sy		•		
target_Ric_Cait_AD_VehDpn_SystemTime_GetSystemTime_getSu2_CurrentTime				
target_Re_Inst_Ap_VehDyn_VehDyn_Pert_CwEOT_HwDeg_32   target_VehDyn_Pert_Morore_HwNin_132   target_Re_Inst_Ap_VehDyn_VehDyn_Pert_Morore_HwNin_132   target_VehDyn_Pert_Morore_HwNin_132   target_VehDyn_Pert_Morore_HwNin_132   target_VehDyn_Pert_Morore_HwNin_132   target_Re_Inst_Ap_VehDyn_VehDyn_Pert_Morore_HwNin_132   target_Re_Inst_Ap_VehDyn_VehDyn_Pert_Morore_HwNin_132   target_Re_Inst_Ap_VehDyn_VehDyn_Pert_Morore_HwNin_132   target_Re_Inst_Ap_VehDyn_VehDyn_Pert_Sensores_Authority_Us_132   target_Re_Inst_Ap_VehDyn_VehDyn_Pert_Sensores_Authority_Us_132   target_Re_Inst_Ap_VehDyn_VehDyn_Pert_Sensores_Authority_Us_132   target_Re_Inst_Ap_VehDyn_VehDyn_Pert_Sensores_Authority_Us_132   target_Re_Inst_Ap_VehDyn_VehDyn_Pert_Sensores_Authority_Us_132   target_VehDyn_Pert_Sensores_Authority_Us_132   target_VehDyn_Pert_Sensores_Authority_Us_133   target_VehDyn_Pert_Sensores_Authority_Us_133   target_VehDyn_Pert_Sensores_Authority_Us_133   target_VehDyn_Pert_Sensores_Authority_Us_133   target_VehDyn_Pert_Sensores_Authority_Us_133   target_VehDyn_Pert_Sensores_Authority_Us_133   target_VehDyn_Pert_S		target VehDyn Per1 CcwEOT HwDeg f32		
target_Rte_Inst_A_VehDyn_VehDyn_Pert_MotorVeiCRF_MirRadpS_[32]   target_VehDyn_Pert_MotorVeiCRF_MirRadpS_[32]   target_VehDyn_Pert_ReithVeb_g_122   target_VehDyn_Pert_VehDyn_Pert_ReithVeb_g_122   target_VehDyn_Pert_Pert_Pert_Pert_Pert_Pert_Pert_Pert				
target_Rel_inst_Ao_VehDyn_VehDyn_Pert_RelHwPos_HwDeg_132   target_Rel_inst_Ao_VehDyn_VehDyn_Pert_SensoriessAuthority_Uis_132   target_Rel_inst_Ao_VehDyn_VehDyn_Pert_SensoriessAuthority_Uis_132   target_Rel_inst_Ao_VehDyn_VehDyn_Pert_SensoriessAuthority_Uis_132   target_VehDyn_Pert_SensoriessAuthority_Uis_132   target_Rel_inst_Ao_VehDyn_VehDyn_Pert_Sirl+wAg\vid_Cnt_lgc   target_VehDyn_Pert_Sirl+wAg\vid_Cnt_lgc   target_Rel_inst_Ao_VehDyn_VehDyn_Pert_Sirl+wAg\vid_Cnt_lgc   target_VehDyn_Pert_Sirl+wAg\vid_Cnt_lgc   target_VehDyn_Pert_Sirl+wAg\vid_Cnt_lgc   target_VehDyn_Pert_Sirl+wAg\vid_Cnt_lgc   target_VehDyn_Pert_Sirl+wAg\vid_Cnt_lgc   target_VehDyn_Pert_Sirl+wAg\vid_Cnt_lgc   target_VehDyn_Pert_NehicleSpeed_Kph_132   target_VehDyn_Pert_VehicleSpeed_Kph_132   target_VehDyn_Pert_VehicleSpeed_Kph_132   target_VehDyn_Pert_VehicleSpeed_Kph_132   target_VehDyn_Pert_VehicleSpeed_Kph_132   target_VehDyn_Pert_NehicleSpeed_Kph_132   target_VehDyn_NehicleSpeed_Kph_132   target_VehDyn_Pert_NehicleSpeed_Kph_132   target_VehDyn_NehicleSpeed_Kph_132		target_VehDyn_Per1_HwTorque_HwNm_f32		
	target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32			
target_Re_Inst_Ap_VehDyn.VehDyn_Perf_SensorlessHwPos_HwDeg_f32   target_VehDyn_Perf_SensorlessHwPos_HwDeg_f32   target_Re_Inst_Ap_VehDyn.VehDyn_Perf_SrithwAgVid_Cnt_lgo   target_Re_Inst_Ap_VehDyn.VehDyn_Perf_SrithwAgVid_Cnt_lgo   target_VehDyn_Perf_SrithwAgVid_Cnt_lgo   sarget_VehDyn_Perf_SrithwAgVid_Cnt_lgo   sarget_VehDyn_Perf_SrithwAgVid_Cnt_lgo   sarget_VehDyn_Perf_SrithwAgVid_Cnt_lgo   sarget_VehDyn_Perf_SrithwAgVid_Cnt_lgo   sarget_VehDyn_Perf_SrithwAgVid_Cnt_lgo   sarget_VehDyn_Perf_NehortvetCRF_MitradpS_f32_value   sarget_VehDyn_Perf_ReiHwPos_HwDeg_f32_value   sarget_VehDyn_Perf_SrithwAgVid_Cnt_lgo.value   Sarget_VehDyn_Perf_SrithwAgVid_Cnt_lgo.value   Sarget_VehDyn_Perf_SrithwAgVid_Cnt_lgo.value   Sarget_VehDyn_Perf_TorqueCmdCRF_Mitrim_f32_value   Sarget_VehDyn_Perf_VehicleSpeed_Kpf_f32_value   Sarget_VehDyn_Perf_VehicleSpeed_Kpf_f32_value   Sarget_VehDyn_Perf_VehicleSpeed_Kpf_f32_value   Sarget_VehDyn_Perf_TorqueCmdCRF_Mitrim_f32_value   Sarget_VehDyn_Perf_VehicleSpeed_Kpf_f32_value   Sarget_VehDyn_Perf_VehicleSpeed_Kpf_f32_value   Sarget_VehDyn_Perf_VehicleSpeed_Kpf_f32_value   Sarget_VehDyn_Perf_VehicleSpeed_Kpf_f32_value   Sarget_VehDyn_Perf_VehicleSpeed_Kpf_f32_value   Sarget_VehDyn_Perf_VehicleSpeed_Kpf_f32_value   Sarget_VehDyn_Perf_VehicleSpeed_Kpf_f32_value   Sarget_VehDyn_Derf_VehicleSpeed_Kpf_f32_value   Sarget_VehDyn_Derf_VehicleSpeed_Kpf_f32_value   Sarget_VehDyn_Derf_VehicleSpeed_Kpf_f32_value   Sarget_VehDyn_Derf_VehicleSpeed_Kpf_f32_value   Sarget_VehDyn_Derf_VehicleSpeed_Kpf_f32_value   Sarget_VehDyn_Derf_VehicleSpeed_Kpf_f32_value   Sarget_VehDyn_Derf_VehicleSpeed_Kpf_f32_value	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3:	2	
target_Re_inst_Ap_VehDyn_Per1_SrithwAgVid_Cnt_lgc target_Re_inst_Ap_VehDyn_Per1_SrithwAg_HbDeg_f32 target_Re_inst_Ap_VehDyn_VehDyn_Per1_SrithwAg_HbDeg_f32 target_Re_inst_Ap_VehDyn_VehDyn_Per1_SrithwAg_HbDeg_f32 target_Re_inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Re_inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_CowEOT_HwDeg_f32_value target_VehDyn_Per1_CowEOT_HwDeg_f32_value target_VehDyn_Per1_CowEOT_HwDeg_f32_value target_VehDyn_Per1_Moroque_HwNim_f32_value target_VehDyn_Per1_HwTorque_HwNim_f32_value target_VehDyn_Per1_HwTorque_HwNim_f32_value target_VehDyn_Per1_HwTorque_HwNim_f32_value target_VehDyn_Per1_HwTorque_HwNim_f32_value target_VehDyn_Per1_HwDeg_f32_value target_VehDyn_Per1_SrithwAg_HwDeg_f32_value target_VehDyn_Per1_SrithwAg_HwDeg_f32_value target_VehDyn_Per1_SrithwAg_HwDeg_f32_value target_VehDyn_Per1_SrithwAg_HwDeg_f32_value target_VehDyn_Per1_SrithwAg_HwDeg_f32_value target_VehDyn_Per1_SrithwAg_HwDeg_f32_value target_VehDyn_Per1_SrithwAg_HwDeg_f32_value target_VehDyn_Per1_SrithwAg_HwDeg_f32_value target_VehDyn_Per1_VehicleSpeed_VehD_f12_value target_VehDyn_Per1_VehicleSpeed_VehD_f12_value target_VehDyn_Per1_VehicleSpeed_VehD_f12_value target_VehDyn_Per1_VehicleSpeed_VehD_f12_value target_VehDyn_Per1_VehicleSpeed_VehD_f12_value target_VehDyn_AutoCntrDetSped_M_str.Timer1_mS_u32 2553156835	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	lls_f32	
target_Re_Inst_Ap_VehDyn_VehDyn_Per1_SrithwAg_HwDeg_f32	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Perl_TorqueCmdCRF_MtrNm_f32         target_VehDyn_Perl_TorqueCmdCRF_MtrNm_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Perl_VehicleSpeed_Kip_f32         target_VehDyn_Perl_VehicleSpeed_Kip_f32           target_VehDyn_Perl_CwEOT_HwDeg_f32.value         937.349976           target_VehDyn_Perl_CwEOT_HwDeg_f32.value         1247.80005           target_VehDyn_Perl_MwTorque_HwMm_f32.value         2           target_VehDyn_Perl_MwTorque_HwMm_f32.value         2           target_VehDyn_Perl_MwTorque_HwMm_f32.value         887.599976           target_VehDyn_Perl_MwTorque_HwMm_f32.value         1590.80005           target_VehDyn_Perl_ShirwAg_HwDeg_f32.value         1590.80005           target_VehDyn_Perl_ShirwAg_HwDeg_f32.value         0           target_VehDyn_Perl_ShirwAg_HwDeg_f32.value         55999999           target_VehDyn_Perl_TorqueCmdCRF_MtrNm_f32.value         55999999           target_VehDyn_Perl_VehicleSpeed_Kph_f32.value         230.86995           Name         Actual Value         Expected Value         Ret           VehDyn_AllorChtDetSpd_M_str.Timer_B_u32         2553168835         2553168835           VehDyn_AutoCntrDetSpd_M_str.Timer_B_u32         3174948758         3174948758           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.SV_Uis_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCnt	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_VehDyn_Pert_VehicleSpeedValid_Cnt_Igc   target_Rte_Inst_Ap_VehDyn_VehDyn_Pert_VehicleSpeed_Kph_f32   target_VehDyn_Pert_VehicleSpeed_Kph_f32   target_VehDyn_Pert_VehDyn_Pert_VehicleSpeed_Kph_f32   starget_VehDyn_Pert_V	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	m_f32	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr	nt_lgc	
target_VehDyn_Per1_kwTorque_HwNm_f32_value	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3:	2	
target_VehDyn_Per1_HwTorque_HwNm_r32.value         2           target_VehDyn_Per1_MotorVelCRF_MtrRadpS_r32.value         -897.599976           target_VehDyn_Per1_RelHwPos_HwDeg_r32.value         1590.80005           target_VehDyn_Per1_SriHwAg_HwDeg_r32.value         0           target_VehDyn_Per1_SriHwAg_HwDeg_r32.value         -768.349976           target_VehDyn_Per1_TorqueCmdCRF_MtrNm_r32.value         5.5999999           target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc_value         0           target_VehDyn_Per1_VehicleSpeed_Kpf_r32.value         230.869995           Name         Actual Value         Expected Value         Ret           VehDyn_Allochtr_Cnt_M_lgc         1         1         1         1           VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2553156835         2553156835         2553156835           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         3174948758         3174948758         3174948758           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_Uls_f32         1590.80005         1590.80005 ± 0.009         1590.80005 ± 0.009           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         1         1         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         1         1           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-937.349976		
target_VehDyn_Pert_MotorVelCRF_MtrRadpS_f32.value         897.599976           target_VehDyn_Pert_RelHwPos_HwDeg_f32.value         1590.80005           target_VehDyn_Pert_SrlHwAgVId_Cnt_Igc.value         0           target_VehDyn_Pert_SrlHwAgVId_Cnt_Igc.value         -768.349976           target_VehDyn_Pert_TorqueCmdCRF_MtrNm_f32.value         5.5999999           target_VehDyn_Pert_VehicleSpeedValid_Cnt_Igc.value         0           target_VehDyn_Pert_VehicleSpeed_Kph_f32.value         230.869995           Name         Actual Value         Expected Value         Ret           VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc         1         1         1           VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2553156835         2553156835         2553156835           VehDyn_AutoCntrDetSpd_M_str.RileHwPosFilitSV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrDetSpd_M_str.Riler_Installe_Cnt_Igc         1         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter_Installe_Cnt_Igc         1         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter_Installezed_Cnt_Igc         0         0         0           VehDyn_AutoCntrDetSpd_M_str.Filter_Installezed_Cnt_Igc         0         0         0           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV_UIs_f32         1590.8	target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1247.80005		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value         1590.80005           target_VehDyn_Per1_SrlHwAg/Id_Cnt_Igc.value         0           target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value         -768.349976           target_VehDyn_Per1_TorqueCmdCRF_MrtNm_f32.value         5.5999999           target_VehDyn_Per1_VehicleSpeed_Kph_f32.value         0           Name         Actual Value         Expected Value         Res           VehDyn_Per1_VehicleSpeed_Kph_f32.value         1         1         1         1         VehDyn_AuloCntrDetSpd_M_str.Timer1_mS_u32         2553156835         2553156835         2553156835         2553156835         2553156835         2553156835         2553156835         2553156835         2553156835         3174948758         3174948758         3174948758         3174948758         3174948758         3174948758         3174948758         3174948758         417494875	target_VehDyn_Per1_HwTorque_HwNm_f32.value	2		
target_VehDyn_Per1_SriHwAg/Vi_Cnt_igc_value	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-897.599976		
target_VehDyn_Per1_SriHwAg_HwDeg_f32.value	target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1590.80005		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 value	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value         230.869995           Name         Actual Value         Expected Value         Res           VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc         1         1         1           VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2553156835         2553156835           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         3174948758         3174948758           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2659241984         2659241984           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2659241984         3174948758           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn	target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-768.349976		
Name         Actual Value         Expected Value         Res           VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc         1         1         1           VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2553156835         2553156835         2553156835           VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         3174948758         3174948758         3174948758           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCnttrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCnttrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCnttrHiSpd_M_str.Timer2_mS_u32         2659241984         2659241984           VehDyn_AutoCnttrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCnttrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCnttrHiSpd_M_str.Filter1Enable_Cnt_lgc/	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999		
Name         Actual Value         Expected Value         Res           VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc         1         1         1           VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2553156835         2553156835         2553156835           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         3174948758         3174948758         3174948758           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Im32         2659241984         2659241984           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         3174948758         3174948758           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrHiS	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2553156835         2553156835           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         3174948758         3174948758           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2659241984         2659241984           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         3174948758         3174948758           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0	target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230.869995		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2553156835         2553156835           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         3174948758         3174948758           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Fiiter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2659241984         2659241984           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         3174948758         3174948758           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0 <td>Name</td> <td>Actual Value</td> <td>Expected Value</td> <td>Result</td>	Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32       3174948758       3174948758         VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32       1590.80005       1590.80005 ± 0.009         VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32       1590.80005       1590.80005 ± 0.009         VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc       1       1         VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc       1       1         VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc       0       0         VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc       0       0         VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32       2659241984       2659241984         VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32       3174948758       3174948758         VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32       1590.80005       1590.80005 ± 0.009         VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32       1590.80005       1590.80005 ± 0.009         VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc       0       0         VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc       0       0         VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc       0       0	VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2659241984         2659241984           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         3174948758         3174948758           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_Uls_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0         0	VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835	2553156835	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32       1590.80005       1590.80005 ± 0.009         VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc       1       1         VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc       1       1         VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc       1       1         VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc       0       0         VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32       2659241984       2659241984         VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32       3174948758       3174948758         VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32       1590.80005       1590.80005 ± 0.009         VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32       1590.80005       1590.80005 ± 0.009         VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc       0       0         VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc       0       0         VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc       0       0	VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758	3174948758	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2659241984         2659241984           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         3174948758         3174948758           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0         0	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1590.80005	1590.80005 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2659241984         2659241984           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         3174948758         3174948758           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0         0	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1590.80005	1590.80005 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2659241984         2659241984           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         3174948758         3174948758           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0         0	VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2659241984         2659241984           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         3174948758         3174948758           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltISV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0         0	VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32       2659241984       2659241984         VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32       3174948758       3174948758         VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32       1590.80005       1590.80005 ± 0.009         VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32       1590.80005       1590.80005 ± 0.009         VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc       0       0         VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc       0       0         VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc       0       0	VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32       3174948758       3174948758         VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32       1590.80005       1590.80005 ± 0.009         VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32       1590.80005       1590.80005 ± 0.009         VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc       0       0         VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc       0       0         VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc       0       0	VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0         0	VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2659241984	2659241984	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f321590.800051590.80005 ± 0.009VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc00VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc00VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc00	VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758	3174948758	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc     0     0       VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc     0     0       VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc     0     0	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1590.80005	1590.80005 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc     0     0       VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc     0     0	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1590.80005	1590.80005 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 0 0	VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
7 7 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 1	VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
	VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2659241984         2659241984	VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2659241984	2659241984	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         3174948758         3174948758	VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758	3174948758	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         1590.80005         1590.80005 ± 0.009	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1590.80005	1590.80005 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         1590.80005         1590.80005 ± 0.009	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1590.80005	1590.80005 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc 0 0		0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc 1				~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 1 1	VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 1 1	VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc			~
VehDyn_HiSpdLearnt_Cnt_M_lgc 0				~
VehDyn_Initialize_Cnt_M_Igc 1				~
VehDyn_LoSpdLearnt_Cnt_M_lgc 0				~
VehDyn_MaxOffset_HwDeg_M_f32         1247.80005           1247.80005				~
VehDyn_MinOffset_HwDeg_M_f32         -937.349976           -937.349976         -937.349976	7 =			~
VehDyn_PinTrqSV_M_str.SV_Uls_f32         1.50024426         1.50024426 ± 0.000009				~
VehDyn_SrlHwAgVldTimer_mS_M_u32         3039943680         3039943680				~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value 0.26699999 0.26699999 ± 0.004				~
target VehDyn Per1 SensorlessHwPos HwDeg f32.value 822.450073 822.450012 ± 0.1	torget Vehlag Bert Concertoes Hughes Hughes 122 value	822.450073	822.450012 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~



Test Step 2.97 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	34.2000008
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	126.199997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.1999998
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	85.1999969
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	14442
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1341.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000812000013
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1341.30005
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000812000013
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86.0999985
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	123
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.1999998
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	42.2000008
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2760420809
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1341.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000600000028
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1341.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000192000007
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VenDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	34
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	126.599998
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.3999996
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.1999969
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	33198
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420809
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1341.30005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	5.74000005e-005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1341.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000812000013
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_ForceCenterEnabled_Cnt_M_lgc	1
/ehDyn_ForceCenterOffset_HwDeg_M_f32	98.3300018
/ehDyn_HiSpdLearnt_Cnt_M_lgc	1
/ehDyn_Initialize_Cnt_M_lgc	1
/ehDyn_LoSpdLearnt_Cnt_M_lgc	1
/ehDyn_MaxOffset_HwDeg_M_f32	773.51001
/ehDyn_MinOffset_HwDeg_M_f32	-897.75
/ehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000002
/ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000403000013
VehDyn_SLPHwAuth_Uls_M_f32	0.284000009
VehDyn_SLPHwPos_HwDeg_M_f32	-758.090027
VehDyn_SrlHwAgVldTimer_mS_M_u32	1316564736
k_HiSpdVDAuthority_Uls_f32	0
k_HwTqMgnThd_HwNm_f32	1.5
k_LoSpdVDAuthority_Uls_f32	1
	700
k_SrlHwAgVldTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32	703 10.1000004





85.7799988 0.114624999 1050692864		
1050692864		
2942063360		
Ti 463842816		
1316564736		
	32	
1		
245.070007		
Actual Value	Expected Value	Result
	•	- Noodii
•		•
		•
0	0	
0	0	•
0	0	•
1	1	
2760420809	2760420809	•
3382212733	3382212733	•
1341.30005	1341.30005 ± 0.009	-
1341.30005	1341.30005 ± 0.009	•
0	0	•
1	1	•
1	1	•
0	0	•
2760420809	2760420809	•
3382212733	3382212733	•
1341.30005	1341.30005 ± 0.009	•
1341.30005	1341.30005 ± 0.009	•
1	1	•
0	0	•
		•
		•
		•
		•
		•
		•
		•
-1.59865212	-1.59865212 ± 0.000009	•
4040E04700		
1316564736	1316564736 1 ± 0.004	
	target_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_MotorVelCRF_MtrRaitarget_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_ target_VehDyn_Per1_SensorlessAuthority_ target_VehDyn_Per1_SrlHwAgVId_Cnt_lgc target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrItarget_VehDyn_Per1_VehicleSpeed_Kph_f3-931.090027 1258.70703 2.20000005 154.399994 1341.30005 1 -758.090027 -4.5999999 1 245.070007 Actual Value 0 2942063360 3382212733 1341.30005 0 0 1 2760420809 3382212733 1341.30005 0 1 1 0 2760420809 3382212733 1341.30005 1341.30005 1 1 1 0 2760420809 3382212733 1341.30005 1 1 1 0 0 1 2760420809 3382212733 1341.30005 1 1 1 0 0 2760420809 3382512733 1341.30005 1 1 1 0 0 2760420809 3382512733 1341.30005 1 1 1 0 0 2760420809 3382512733 1341.30005 1 1 1 1 -82.5930176 -897.75	target_VehDyn_Per1_CxeEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SriHwAgVd_Cnt_Ulgc target_VehDyn_Per1_SriHwAgVd_Cnt_Ulgc target_VehDyn_Per1_SriHwAgVd_Cnt_Ulgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Far_f32 target_VehDyn

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~



Fest Step 2.98 (Repeat Count = 1)	Innut Value
lame	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn /ehDyn AllowHiSpdAutoCntr Cnt M Igc	target_Rte_Inst_Ap_VehDyn 0
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	0
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	0
/ehDyn_AutoChtrDetSpd_M_str.FiltPinTrq_HwNm_f32	0
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow HwDeg f32	0
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	0
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	0
ehDyn_AutoCntrDetSpd_M_str.Timer2+friesh_fris_u10	0
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehbyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt lgc	0
ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	0
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	0
ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	0
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	0
'ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	0
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	0
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0
/ehDyn AutoCntrHiSpd M str.Timer2 mS u32	0
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	0
/ehDyn AutoCntrLoSpd M str.VehSpd kph f32	0
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	0
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	0
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	0
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_ForceCenterEnabled_Cnt_M_lgc	0
ehDyn_ForceCenterOffset_HwDeg_M_f32	-1600
ehDyn_HiSpdLearnt_Cnt_M_lgc	0
ehDyn_Initialize_Cnt_M_lgc	0
ehDyn_LoSpdLearnt_Cnt_M_lgc	0
ehDyn_MaxOffset_HwDeg_M_f32	-2840
ehDyn_MinOffset_HwDeg_M_f32	-1440.10999
ehDyn_PinTrqSV_M_str.SV_Uls_f32	-18.7999992
ehDyn_PinTrqSV_M_str.K_Uls_f32	2.51327106e-006
ehDyn_SLPHwAuth_Uls_M_f32	0
/ehDyn_SLPHwPos_HwDeg_M_f32	-1600
/ehDyn_SrlHwAgVldTimer_mS_M_u32	0
_HiSpdVDAuthority_Uls_f32	0
 _HwTqMgnThd_HwNm_f32	0
_LoSpdVDAuthority_Uls_f32	0
SrlHwAgVldTiThd mS u32	0

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Name	Input Value		
k_SysKinRatio_MtrDegpHwDeg_f32	1		
k_TravelXCDeadband_Uls_f32	0		
k_TraveIXCHwAuthority_Uls_f32	0		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	0		
target_GetSystemTime_mS_u32_CurrentTime	0		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_Elapse$	Гі 0		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u322\_CurrentTime\_ms\_u322\_CurrentTime\_ms\_u322\_CurrentTime\_ms\_u322\_CurrentTime\_ms\_u322\_CurrentTime\_ms\_u322\_CurrentTime$	0		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Ci		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1440.10999		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	360		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-10		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1118		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1600		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0 -1600		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.80000019		
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	0		
target_vehDyn_Per1_vehicleSpeed_Kph_f32.value	0		
		Even at ad Value	Danulé
Name VohDun Allaud ISandAutaCate Cat M. Isa	Actual Value	Expected Value	Result
VehDyn_AltoCatrDetSad_M_etr_Timer4_mS_u22		0	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0	0	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	-1600	-1600 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	·
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>~</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0	0	<b>✓</b>
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	0	0	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1600	-1600 ± 0.009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	<b>✓</b>
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1600	-1600 ± 0.009	<b>✓</b>
	-1600 0		· ·
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc		-1600 ± 0.009	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	-1600 ± 0.009	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	-1600 ± 0.009 0	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0 0 0	-1600 ± 0.009 0 0 0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	0 0 0 0	-1600 ± 0.009 0 0 0 0	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	0 0 0 0	-1600 ± 0.009 0 0 0 0	· · · · · · · · · · · · · · · · · · ·
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	0 0 0 0 0 1	-1600 ± 0.009 0 0 0 0 0	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	0 0 0 0 0 1	-1600 ± 0.009 0 0 0 0 0 0	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	0 0 0 0 0 1 1 0 360	-1600 ± 0.009 0 0 0 0 0 1 0 360	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32	0 0 0 0 0 1 1 0 360 -1440.10999	-1600 ± 0.009 0 0 0 0 0 1 0 360 -1440.10999	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32 VehDyn_SrlHwAgVldTimer_mS_M_u32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0 0 0 0 0 1 1 0 360 -1440.10999 -18.7999992	-1600 ± 0.009 0 0 0 0 1 0 360 -1440.10999 -18.7999992 ± 0.00009	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~



Fest Step 2.99 (Repeat Count = 1)	Invest Value
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	700
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	255
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	20
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	100
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	60000
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	60000
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4294967295
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584786
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584786
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	700
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	255
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	20
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	100
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	60000
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	60000
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4294967295
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4294967295
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584786
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584786
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	700
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	255
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	20
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	100
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	60000
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	60000
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4294967295
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584786
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584786
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_ForceCenterEnabled_Cnt_M_lgc	1
ehDyn_ForceCenterOffset_HwDeg_M_f32	1600
ehDyn_HiSpdLearnt_Cnt_M_lgc	1
ehDyn_Initialize_Cnt_M_lgc	1
ehDyn_LoSpdLearnt_Cnt_M_lgc	1
ehDyn_MaxOffset_HwDeg_M_f32	1440.10999
ehDyn_MinOffset_HwDeg_M_f32	2840
ehDyn_PinTrqSV_M_str.SV_UIs_f32	18.7999992
ehDyn_PinTrqSV_M_str.K_Uls_f32	0.00125584786
ehDyn_SLPHwAuth_Uls_M_f32	1
ehDyn_SLPHwPos_HwDeg_M_f32	1600
ehDyn_SrlHwAgVldTimer_mS_M_u32	4294967295
_HiSpdVDAuthority_Uls_f32	1
_HwTqMgnThd_HwNm_f32	10
_LoSpdVDAuthority_Uls_f32	1





Name	Input Value		
k_SrlHwAgVldTiThd_mS_u32	100000		
k SysKinRatio MtrDegpHwDeg f32	100		
k_TraveIXCDeadband_Uls_f32	100		
k TravelXCHwAuthority Uls f32	1		
target DtrmnElapsedTime mS u32 ElapsedTime	4294967295		
target_GetSystemTime_mS_u32_CurrentTime	4294967295		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 Elapsed			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target VehDyn Per1 CcwEOT HwDeg	132	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f3		
target Rte Inst Ap VehDyn.VehDyn Per1 HwTorque HwNm f32	target_VehDyn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target VehDyn Per1 MotorVelCRF MtrF		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target VehDyn Per1 RelHwPos HwDeg	· <del>-</del>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lg		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_M		
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeedValid Cnt Igc	target VehDyn Per1 VehicleSpeedValid		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-360	·	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1440.10999		
target VehDyn Per1 HwTorque HwNm f32.value	10		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1118		
target VehDyn Per1 RelHwPos HwDeg f32.value	1600		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target VehDyn Per1 SrlHwAg HwDeg f32.value	1600		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	511		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1	1	Kesuit
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4294967295	4294967295	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295	4294967295	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	_
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	_
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4294967295	4294967295	_
VehDyn AutoCntrHiSpd M str.Timer2 mS u32			
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1/20/1067205	4204067205	
	4294967295	4294967295 1600 + 0.009	
, _	1600	1600 ± 0.009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600 1600	1600 ± 0.009 1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1600 1600 0	1600 ± 0.009 1600 ± 0.009 0	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1600 1600 0 1	1600 ± 0.009 1600 ± 0.009 0	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1600 1600 0 1 1	1600 ± 0.009 1600 ± 0.009 0 1	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1600 1600 0 1 1 1	1600 ± 0.009 1600 ± 0.009 0 1 1	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1600 1600 0 1 1 1 1 4294967295	1600 ± 0.009 1600 ± 0.009 0 1 1 1 4294967295	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1600 1600 0 1 1 1 1 4294967295 4294967295	1600 ± 0.009 1600 ± 0.009 0 1 1 1 4294967295 4294967295	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600 1600 0 1 1 1 1 4294967295 4294967295 1600	1600 ± 0.009 1600 ± 0.009 0 1 1 1 4294967295 4294967295 1600 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600 1600 0 1 1 1 1 4294967295 4294967295 1600	1600 ± 0.009 1600 ± 0.009 0 1 1 1 4294967295 4294967295 1600 ± 0.009 1600 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1600 1600 0 1 1 1 4294967295 4294967295 1600 1600	1600 ± 0.009 1600 ± 0.009 0 1 1 1 4294967295 4294967295 1600 ± 0.009 1600 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1600 1600 0 1 1 1 4294967295 4294967295 1600 1600 1	1600 ± 0.009 1600 ± 0.009 0 1 1 1 4294967295 4294967295 1600 ± 0.009 1600 ± 0.009 1	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1600 1600 0 1 1 1 4294967295 4294967295 1600 1600 1	1600 ± 0.009 1600 ± 0.009 0 1 1 1 4294967295 4294967295 1600 ± 0.009 1600 ± 0.009 1	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1600 1600 0 1 1 1 4294967295 4294967295 1600 1600 1	1600 ± 0.009 1600 ± 0.009 0 1 1 1 4294967295 4294967295 1600 ± 0.009 1600 ± 0.009 1 1	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1600 1600 0 1 1 1 4294967295 4294967295 1600 1600 1 1	1600 ± 0.009 1600 ± 0.009 0 1 1 1 4294967295 4294967295 1600 ± 0.009 1600 ± 0.009 1 1 1	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	1600 1600 0 1 1 1 4294967295 4294967295 1600 1600 1 1 1	1600 ± 0.009 1600 ± 0.009 0 1 1 1 4294967295 4294967295 1600 ± 0.009 1600 ± 0.009 1 1 1 1 1 1 1	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	1600 1600 0 1 1 1 1 4294967295 4294967295 1600 1600 1 1 1 1	1600 ± 0.009 1600 ± 0.009 0 1 1 1 4294967295 4294967295 1600 ± 0.009 1600 ± 0.009 1 1 1 1 1 1 1 1 1	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_IiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	1600 1600 0 1 1 1 4294967295 4294967295 1600 1600 1 1 1 1 1 1 1 1	1600 ± 0.009 1600 ± 0.009 0 1 1 1 4294967295 4294967295 1600 ± 0.009 1600 ± 0.009 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_IsipdLearn_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	1600 1600 0 1 1 1 4294967295 4294967295 1600 1600 1 1 1 1 1 1 1 1 1 1	1600 ± 0.009 1600 ± 0.009 0 1 1 1 1 4294967295 4294967295 1600 ± 0.009 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32	1600 1600 0 1 1 1 1 4294967295 4294967295 1600 1600 1 1 1 1 1 1 1 1 18.7890587	1600 ± 0.009 1600 ± 0.009 0 1 1 1 1 4294967295 4294967295 1600 ± 0.009 1 1 1 1 1 1 1 1 1 1 18 1 18 18 18 18 18	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_IsipdLearn_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	1600 1600 0 1 1 1 4294967295 4294967295 1600 1600 1 1 1 1 1 1 1 1 1 1	1600 ± 0.009 1600 ± 0.009 0 1 1 1 1 4294967295 4294967295 1600 ± 0.009 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1	~



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

est Step 2.100 (Repeat Count = 1)	Input Value
trmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
etSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
te_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
te_Call_Ap_VehDyn_SystemTime_DuffillelapsedTime_iniS_u32(CurrentTime) te_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
te_Inst_Ap_VehDyn	
	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	498.100006
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	206.100006
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	3.099999
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	97.0999985
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	30404
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	30349
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000828000018
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000828000018
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	400.200012
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	18
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	12
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000615999976
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000224000003
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	498.399994
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	166.100006
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	19.2999992
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	25.3999996
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	60000
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3277
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.05999994e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000828000018
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_ForceCenterEnabled_Cnt_M_lgc	1
ehDyn ForceCenterOffset HwDeg M f32	897.609985
ehDyn_HiSpdLearnt_Cnt_M_lgc	1
ehDyn_Initialize_Cnt_M_lgc	1
ehDyn_LoSpdLearnt_Cnt_M_lgc	1
ehDyn_MaxOffset_HwDeg_M_f32	813.445984

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Name	Input Value		
VehDyn_MinOffset_HwDeg_M_f32	-844.278015		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.5		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000410999986		
VehDyn_SLPHwAuth_Uls_M_f32	0.419999987		
VehDyn_SLPHwPos_HwDeg_M_f32	-676.01001		
VehDyn_SrlHwAgVldTimer_mS_M_u32	954802432		
k_HiSpdVDAuthority_UIs_f32	2.0999999		
k_HwTqMgnThd_HwNm_f32 k_LoSpdVDAuthority_Uls_f32	1		
k_SrlHwAgVldTiThd_mS_u32	456		
k_SysKinRatio_MtrDegpHwDeg_f32	52.5		
k TravelXCDeadband Uls f32	77.5400009		
k_TravelXCHwAuthority_UIs_f32	0.124425001		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4164171008		
target_GetSystemTime_mS_u32_CurrentTime	2127166208		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime	П 123		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u33\_CurrentTim$	954802432		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRac	· <del>-</del>	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessAuthority_U target_VehDyn_Per1_SensorlessHwPos_Hv		
target_Rte_Inst_Ap_venDyn.VenDyn_Peri_SensonessHwPos_HwDeg_132 target_Rte_Inst_Ap_vehDyn.VehDyn_Peri_SrlHwAgVld_Cnt_lgc	target VehDyn Per 1 SrlHwAgVld Cnt lgc	100g_102	
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAg HwDeg f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target VehDyn Per1 TorqueCmdCRF MtrN		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_C	_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-881.01001		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1345.96301		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	3.79999995		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	88.8000031		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	0		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-676.01001		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.80000019		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	7.80000019 1		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	7.80000019 1 45.4099998	Expected Value	Poguit
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name	7.80000019 1	Expected Value	Result
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	7.80000019 1 45.4099998 <b>Actual Value</b>	•	Result
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc	7.80000019 1 45.4099998 <b>Actual Value</b> 0	0	Result
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	7.80000019 1 45.4099998 <b>Actual Value</b> 0 2127166208	0 2127166208	Result
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	7.80000019 1 45.4099998 Actual Value 0 2127166208 4290967295	0 2127166208 4290967295	
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	7.8000019 1 45.4099998 Actual Value 0 2127166208 4290967295 0	0 2127166208 4290967295 0 ± 0.000009	
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	7.8000019 1 45.4099998  Actual Value 0 2127166208 4290967295 0 0 0	0 2127166208 4290967295 0 ± 0.000009 0 ± 0.000009 0	
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	7.8000019 1 45.4099998  Actual Value 0 2127166208 4290967295 0 0 0 1	0 2127166208 4290967295 0 ± 0.000009 0 ± 0.000009 0	
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	7.8000019 1 45.4099998  Actual Value 0 2127166208 4290967295 0 0 0 1	0 2127166208 4290967295 0±0.000009 0±0.000009 0	
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	7.8000019 1 45.4099998  Actual Value 0 2127166208 4290967295 0 0 0 1 1 1 1024	0 2127166208 4290967295 0±0.000009 0±0.000009 0 0	
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	7.8000019 1 45.4099998  Actual Value 0 2127166208 4290967295 0 0 0 1 1 1 1024 4290967295	0 2127166208 4290967295 0±0.000009 0±0.000009 0 1 1 1 1024 4290967295	
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	7.8000019 1 45.4099998  Actual Value 0 2127166208 4290967295 0 0 1 1 1 1024 4290967295 0	0 2127166208 4290967295 0±0.000009 0±0.000009 0 1 1 1 1024 4290967295 0±0.000009	
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	7.80000019 1 45.4099998  Actual Value 0 2127166208 4290967295 0 0 1 1 1 1024 4290967295 0 0	0 2127166208 4290967295 0±0.000009 0 0 1 1 1 1024 4290967295 0±0.000009 0±0.000009 0±0.000009	
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	7.8000019 1 45.4099998  Actual Value 0 2127166208 4290967295 0 0 1 1 1 1024 4290967295 0 0 1	0 2127166208 4290967295 0±0.000009 0±0.000009 0 1 1 1 1024 4290967295 0±0.000009 0±0.000009	
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initalized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initalized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	7.8000019 1 45.4099998  Actual Value 0 2127166208 4290967295 0 0 1 1 1 1024 4290967295 0 0 1 1 1 1 1024 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 2127166208 4290967295 0±0.000009 0±0.000009 0 1 1 1 1024 4290967295 0±0.000009 0±0.000009	
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initalized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initalized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initalized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	7.8000019 1 45.4099998  Actual Value 0 2127166208 4290967295 0 0 1 1 1 1024 4290967295 0 0 1	0 2127166208 4290967295 0±0.000009 0±0.000009 0 1 1 1 1024 4290967295 0±0.000009 0±0.000009	
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target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	7.8000019 1 45.4099998  Actual Value 0 2127166208 4290967295 0 0 0 1 1 1 1024 4290967295 0 0 1 1 1 1 0 1024 4290967295 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 2127166208 4290967295 0 ± 0.000009 0 ± 0.000009 0 1 1 11024 4290967295 0 ± 0.000009 1 1 1 1 0 1024 4290967295 0 ± 0.000009 1 1 1 1 0 1024 4290967295 0 ± 0.000009 1 1 1 1 1 1 1 0 1024 1 1 1 1 1 1 1 1 1 1 1 1	
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	7.8000019 1 45.4099998  Actual Value 0 2127166208 4290967295 0 0 0 1 1 1 1024 4290967295 0 0 1 1 1 1 0 1024 4290967295 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 2127166208 4290967295 0 ± 0.000009 0 ± 0.000009 0 1 1 1 1024 4290967295 0 ± 0.000009 1 1 1 1 0 1024 4290967295 0 ± 0.000009 1 1 1 1 1 0 1024 4290967295 0 ± 0.000009 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enitialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetBpd_Allogc VehDyn_AutoCntr_Off_Set_HwDeg_M_f32	7.8000019 1 45.4099998  Actual Value 0 2127166208 4290967295 0 0 0 1 1 1 1024 4290967295 0 0 1 1 1 1 0 1024 4290967295 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 2127166208 4290967295 0 ± 0.000009 0 ± 0.000009 0 1 1 1 1024 4290967295 0 ± 0.000009 1 1 1 1 0 1024 4290967295 0 ± 0.000009 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	7.8000019 1 45.4099998  Actual Value 0 2127166208 4290967295 0 0 0 1 1 1 1024 4290967295 0 0 1 1 1 1 0 1024 4290967295 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 2127166208 4290967295 0 ± 0.000009 0 ± 0.000009 0 1 1 1 1024 4290967295 0 ± 0.000009 1 1 1 1 0 1024 4290967295 0 ± 0.000009 1 1 1 1 1 0 1024 4290967295 0 ± 0.000009 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	





Name	Actual Value	Expected Value	Result
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-897.609985	-897.609985 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

est Step 2.101 (Repeat Count = 1)	Input Value
me	•
mnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
tSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
e_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
e_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
e_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
hDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
hDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	62.5099983
hDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	186.5
hDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	7.5
hDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	88.5
hDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	26195
hDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22037
hDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
hDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002
hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000844000024
hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-880.02002
hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000844000024
hDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
hDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
hDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
hDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
hDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	662.200012
hDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	136.399994
hDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14
hDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.1999969
hDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	21364
hDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	52716
hDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2138628886
hDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000631999981
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-880.02002
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000255999999
hDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
hDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	1
hDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
hDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
hDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	44.5999985
· - · · · -	246.100006
hDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	2.5999999
hDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.5999999 41.0999985
hDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	
hDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	7034
hDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	39056
hDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886
hDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
hDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	448.5
hDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.37999983e-005
hDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-880.02002
hDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000844000024
hDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
hDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
hDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
hDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
hDyn_ForceCenterEnabled_Cnt_M_lgc	1
hDyn_ForceCenterOffset_HwDeg_M_f32	-1500.22998

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Name	Input Value		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	853.382019		
VehDyn_MinOffset_HwDeg_M_f32	-790.80603		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	8.89999962		
VehDyn_PinTrqSV_M_str.K_Uls_f32 VehDyn_SLPHwAuth_Uls_M_f32	0.000418999989 0.555999994		
VehDyn SLPHwPos HwDeg M f32	-593.929993		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1736795392		
k HiSpdVDAuthority UIs f32	0.119999997		
k_HwTqMgnThd_HwNm_f32	0.119999997		
k LoSpdVDAuthority Uls f32	0.800000012		
k SrlHwAgVldTiThd mS u32	45		
k_SysKinRatio_MtrDegpHwDeg_f32	12.1000004		
k_TravelXCDeadband_Uls_f32	69.3000031		
k_TravelXCHwAuthority_Uls_f32	0.134224996		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2430672128		
target_GetSystemTime_mS_u32_CurrentTime	824746752		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_ElapseDTime\_mS\_u33\_ElapseD$	2728878080		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	1736795392		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Ci		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3 -830.929993	6 <u>2</u>	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1433.21899		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	5.4000001		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	753		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-880.02002		
	1		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value			
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-593.929993		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value			
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	-593.929993 1.29999995		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-593.929993 1.29999995 1	Expected Value	Result
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name	-593.929993 1.29999995 1 369.75	Expected Value	Result
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	-593.929993 1.29999995 1 369.75 Actual Value	•	Result
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name	-593.929993 1.29999995 1 369.75 <b>Actual Value</b>	1	~
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	-593.929993 1.29999995 1 369.75 <b>Actual Value</b> 1 2138628886	1 2138628886	~
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	-593.929993 1.29999995 1 369.75 Actual Value 1 2138628886 3382212733	1 2138628886 3382212733	•
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-593,929993 1,29999995 1 369.75 Actual Value 1 2138628886 3382212733 -880.02002	1 2138628886 3382212733 -880.02002 ± 0.0009	•
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-593,929993 1,29999995 1 369.75 Actual Value 1 2138628886 3382212733 -880.02002 -880.02002	1 2138628886 3382212733 -880.02002 ± 0.0009 -880.02002 ± 0.0009	0
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	-593,929993 1,29999995 1 369.75 Actual Value 1 2138628886 3382212733 -880.02002 -880.02002 0	1 2138628886 3382212733 -880.02002 ± 0.0009 -880.02002 ± 0.0009 0	0
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	-593.929993 1.29999995 1 369.75 Actual Value 1 2138628886 3382212733 -880.02002 -880.02002 0	1 2138628886 3382212733 -880.02002 ± 0.0009 -880.02002 ± 0.0009 0	0
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	-593,929993 1,29999995 1 369.75 Actual Value 1 2138628886 3382212733 -880.02002 -880.02002 0 0	1 2138628886 3382212733 -880.02002 ± 0.0009 -880.02002 ± 0.0009 0 0	
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	-593.929993 1.29999995 1 369.75 Actual Value 1 2138628886 3382212733 -880.02002 -880.02002 0 0 1 824746752 3382212733	1 2138628886 3382212733 -880.02002 ± 0.0009 -880.02002 ± 0.0009 0 0	
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-593.929993 1.29999995 1 369.75 Actual Value 1 2138628886 3382212733 -880.02002 -880.02002 0 0 1 824746752 3382212733 -880.02002	1 2138628886 3382212733 -880.02002 ± 0.0009 -880.02002 ± 0.0009 0 0 1 824746752 3382212733 -880.02002 ± 0.0009	
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-593.929993 1.29999995 1 369.75 Actual Value 1 2138628886 3382212733 -880.02002 -880.02002 0 0 1 824746752 3382212733 -880.02002 -880.02002 -880.02002	1 2138628886 3382212733 -880.02002 ± 0.0009 -880.02002 ± 0.0009 0 0 1 824746752 3382212733 -880.02002 ± 0.0009 -880.02002 ± 0.0009	
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	-593.929993 1.29999995 1 369.75 Actual Value 1 2138628886 3382212733 -880.02002 -880.02002 0 0 1 824746752 3382212733 -880.02002 -880.02002 -880.02002 0 0 0 1	1 2138628886 3382212733 -880.02002 ± 0.0009 -880.02002 ± 0.0009 0 0 1 824746752 3382212733 -880.02002 ± 0.0009 -880.02002 ± 0.0009	
target_VehDyn_Per1_SrIHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initalized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initalized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	-593.929993 1.29999995 1 369.75 Actual Value 1 2138628886 3382212733 -880.02002 -880.02002 0 0 1 824746752 3382212733 -880.02002 -880.02002 -880.02002 0 1	1 2138628886 3382212733 -880.02002 ± 0.0009 0 0 0 1 824746752 3382212733 -880.02002 ± 0.0009 0 1	
target_VehDyn_Per1_SrIHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	-593,929993 1,29999995 1 369.75 Actual Value 1 2138628886 3382212733 -880.02002 -880.02002 0 0 1 824746752 3382212733 -880.02002 -880.02002 -880.02002 0 1 1	1 2138628886 3382212733 -880.02002 ± 0.0009 -880.02002 ± 0.0009 0 0 1 824746752 3382212733 -880.02002 ± 0.0009 0 1 1 1 1	
target_VehDyn_Per1_SrIHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enitalized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enitalized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initalized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initalized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	-593.929993 1.29999995 1 369.75 Actual Value 1 2138628886 3382212733 -880.02002 -880.02002 0 0 1 824746752 3382212733 -880.02002 -880.02002 -880.02002 0 1 1 1 0	1 2138628886 3382212733 -880.02002 ± 0.0009 -880.02002 ± 0.0009 0 0 1 824746752 3382212733 -880.02002 ± 0.0009 0 1 1 1 1 0	
target_VehDyn_Per1_SrIHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enitialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enitialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enitialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enitialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enitialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	-593.929993 1.29999995 1 369.75 Actual Value 1 2138628886 3382212733 -880.02002 -880.02002 0 0 1 1 824746752 3382212733 -880.02002 -880.02002 0 1 1 1 0 2138628886	1 2138628886 3382212733 -880.02002 ± 0.0009 -880.02002 ± 0.0009 0 0 1 824746752 3382212733 -880.02002 ± 0.0009 0 1 1 1 0 2138628886	
target_VehDyn_Per1_SrIHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enitialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enitialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1EnitIslISV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHospd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHospd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	-593,929993 1,29999995 1 369.75  Actual Value 1 2138628886 3382212733 -880.02002 0 0 1 824746752 3382212733 -880.02002 -880.02002 0 0 1 1 2138628886 3382212733 -880.02002 0 1 1 0 2138628886	1 2138628886 3382212733 -880.02002 ± 0.0009 -880.02002 ± 0.0009 0 0 1 824746752 3382212733 -880.02002 ± 0.0009 0 1 1 1 0 2138628886 3382212733	
target_VehDyn_Per1_SrIHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHopd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHopd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	-593,929993 1,29999995 1 369.75 Actual Value 1 2138628886 3382212733 -880.02002 -880.02002 0 0 1 1 824746752 3382212733 -880.02002 -880.02002 0 1 1 1 0 2138628886 3382212733 448.5	1 2138628886 3382212733 -880.02002 ± 0.0009 -880.02002 ± 0.0009 0 0 1 824746752 3382212733 -880.02002 ± 0.0009 0 1 1 1 0 2138628886 3382212733 448.5 ± 0.0009	
target_VehDyn_Per1_SrIHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Spf.iltSV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHospd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHospd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	-593,929993 1,29999995 1 369.75  Actual Value 1 2138628886 3382212733 -880.02002 0 0 1 1 824746752 3382212733 -880.02002 -880.02002 0 1 1 1 0 2138628886 3382212733 448.5 -880.02002	1 2138628886 3382212733 -880.02002 ± 0.0009 -880.02002 ± 0.0009 0 0 1 824746752 3382212733 -880.02002 ± 0.0009 0 1 1 1 0 2138628886 3382212733 448.5 ± 0.0009 -880.02002 ± 0.0009	
target_VehDyn_Per1_SrIHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHospd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	-593,929993 1,29999995 1 369.75  Actual Value 1 2138628886 3382212733 -880.02002 -880.02002 0 0 1 824746752 3382212733 -880.02002 -880.02002 0 1 1 1 0 2138628886 3382212733 448.5 -880.02002 1	1 2138628886 3382212733 -880.02002 ± 0.0009 -880.02002 ± 0.0009 0 0 1 824746752 3382212733 -880.02002 ± 0.0009 0 1 1 1 0 2138628886 3382212733 448.5 ± 0.0009 -880.02002 ± 0.0009 1	
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target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc	-593,929993 1,29999995 1 369.75  Actual Value 1 2138628886 3382212733 -880.02002 -880.02002 0 0 1 824746752 3382212733 -880.02002 -880.02002 0 1 1 1 0 2138628886 3382212733 448.5 -880.02002 1 0 0 0 1 1 1 1	1 2138628886 3382212733 -880.02002 ± 0.0009 -880.02002 ± 0.0009 0 0 1 824746752 3382212733 -880.02002 ± 0.0009 0 1 1 1 0 2138628886 3382212733 448.5 ± 0.0009 -880.02002 ± 0.0009 1 0 0 1 0 0 0 0	
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	-593,929993 1,29999995 1 369.75  Actual Value 1 2138628886 3382212733 -880.02002 -880.02002 0 0 1 824746752 3382212733 -880.02002 0 1 1 1 0 2138628886 3382212733 448.5 -880.02002 1 0 0 0 1 1 1 1 1 1	1 2138628886 3382212733 -880.02002 ± 0.0009 -880.02002 ± 0.0009 0 0 1 824746752 3382212733 -880.02002 ± 0.0009 0 1 1 1 0 2138628886 3382212733 448.5 ± 0.0009 -880.02002 ± 0.0009 1 0 0 1 1 1 0 0 1 1 1 1 1 1	
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc	-593,929993 1,29999995 1 369.75  Actual Value 1 2138628886 3382212733 -880.02002 -880.02002 0 0 1 824746752 3382212733 -880.02002 -880.02002 0 1 1 1 0 2138628886 3382212733 448.5 -880.02002 1 0 0 0 1 1 1 1	1 2138628886 3382212733 -880.02002 ± 0.0009 -880.02002 ± 0.0009 0 0 1 824746752 3382212733 -880.02002 ± 0.0009 0 1 1 1 0 2138628886 3382212733 448.5 ± 0.0009 -880.02002 ± 0.0009 1 0 0 1 0 0 1 1 1 0 0 1 1 1 1 1 1 1	





Name	Actual Value	Expected Value	Result
VehDyn_SrlHwAgVldTimer_mS_M_u32	1736795392	1736795392	✓
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	<b>✓</b>
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	620.209961	620.210022 ± 0.1	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	•
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	<b>~</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.102 (Repeat Count = 1)	Innut Value
lame	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
tte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	662.400024
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	196.399994
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	5.400001
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.4000015
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43190
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3186
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892860
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476707
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1454.77002
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000845999981
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1454.77002
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000845999981
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124.199997
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	146
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.3999996
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	33198
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	7778
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2345892860
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476707
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1454.77002
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000633999996
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1454.77002
ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000260000001
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	96.6999969
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	42.5999985
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.6999981
ehDyn_AutoCntrLoSpd_M_str.CntrWindow HwDeg f32	63.599985
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	25532
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	27401
ehDyn_AutoCntrLoSpd_M_str.Timer21fflestr_filis_u16	2345892860
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476707
enDyn_AutoCntrLoSpd_M_str.Timer2_mS_us2 ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-157.490005
, , , , , , , , , , , , , , , , , , ,	
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	6.42000014e-005
, , , , , , , , , , , , , , , , , , ,	-1454.77002
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000845999981
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_ForceCenterEnabled_Cnt_M_lgc	0
ehDyn ForceCenterOffset HwDeg M f32	-1400.31995

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Name	Input Value		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	858.374023		
VehDyn_MinOffset_HwDeg_M_f32	-784		
VehDyn_PinTrqSV_M_str.SV_UIs_f32 VehDyn_PinTrqSV_M_str.K_UIs_f32	13.8999996 0.000419999997		
VehDyn SLPHwAuth Uls M f32	0.573000014		
VehDyn_SLPHwPos_HwDeg_M_f32	-583.669983		
VehDyn_SrlHwAgVldTimer_mS_M_u32	3437401088		
k_HiSpdVDAuthority_UIs_f32	1		
k_HwTqMgnThd_HwNm_f32	5.44999981		
k_LoSpdVDAuthority_UIs_f32	0.5		
k_SrlHwAgVldTiThd_mS_u32	65		
k_SysKinRatio_MtrDegpHwDeg_f32	53.5		
k_TravelXCDeadband_Uls_f32	68.2699966		
k_TravelXCHwAuthority_Uls_f32	0.135450006		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2242866176		
target_GetSystemTime_mS_u32_CurrentTime	309385728		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_ElapsedTim$			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessHwPos HwDeg f32	target_VehDyn_Per1_SensorlessAuthority_U target_VehDyn_Per1_SensorlessHwPos_Hv		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SellsollesSHWF0S_HV	vDeg_132	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Ci		
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-824		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1427.65002		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	5.5999999		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	159.410004		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1454.77002		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-583.669983		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	156.960007	1	1
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892860	2345892860	<b>•</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476707	3589476707	¥
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1454.77002	-1454.77002 ± 0.009	Ž
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	-1454.77002 1	-1454.77002 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	J
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	Ĵ
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	309385728	309385728	-
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476707	3589476707	-
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1454.77002	-1454.77002 ± 0.009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1454.77002	-1454.77002 ± 0.009	-
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	-
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	•		
	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc		0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0		~
	0	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0 1 309385728	1 309385728	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0 1 309385728 3589476707 -157.490005 -1454.77002	1 309385728 3589476707	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0 1 309385728 3589476707 -157.490005 -1454.77002 0	1 309385728 3589476707 -157.490005 ± 0.0009 -1454.77002 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0 1 309385728 3589476707 -157.490005 -1454.77002 0	1 309385728 3589476707 -157.490005 ± 0.0009 -1454.77002 ± 0.009 0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	0 1 309385728 3589476707 -157.490005 -1454.77002 0 1	1 309385728 3589476707 -157.490005 ± 0.0009 -1454.77002 ± 0.009 0 1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc	0 1 309385728 3589476707 -157.490005 -1454.77002 0 1	1 309385728 3589476707 -157.490005 ± 0.0009 -1454.77002 ± 0.009 0 1	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_HiSpdLearnt_Cnt_M_Igc	0 1 309385728 3589476707 -157.490005 -1454.77002 0 1 1	1 309385728 3589476707 -157.490005 ± 0.0009 -1454.77002 ± 0.009 0 1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_HiSpdLearnt_Cnt_M_Igc VehDyn_Initialize_Cnt_M_Igc	0 1 309385728 3589476707 -157.490005 -1454.77002 0 1 1	1 309385728 3589476707 -157.490005 ± 0.0009 -1454.77002 ± 0.009 0 1 1	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_HiSpdLearnt_Cnt_M_Igc	0 1 309385728 3589476707 -157.490005 -1454.77002 0 1 1	1 309385728 3589476707 -157.490005 ± 0.0009 -1454.77002 ± 0.009 0 1	





Name	Actual Value	Expected Value	Result
VehDyn_MinOffset_HwDeg_M_f32	630.77002	630.77002	✓
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.8965578	13.8965578 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	3437401088	3437401088	✓
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.5	0.5 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0	0 ± 0.1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	<b>~</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	<b>~</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

ame	Input Value
trmnElapsedTime_mS_u32(ElapsedTime) etSystemTime_mS_u32(CurrentTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
	target_GetSystemTime_mS_u32_CurrentTime
te_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
te_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	0
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	0
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	0
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	0
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	0
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	0
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	0
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	0
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	0
ehDyn AutoCntrHiSpd M str.Timer1 mS u32	0
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	0
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	0
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	0
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	0
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn AutoCntrLoSpd M str.Filter2Enable Cnt lgc	0

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1600		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	-2840		
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-18.7999992		
VehDyn_PinTrqSV_M_str.K_UIs_f32	2.51327106e-006		
VehDyn_SLPHwAuth_Uls_M_f32	0		
VehDyn_SLPHwPos_HwDeg_M_f32 VehDyn_SrlHwAgVldTimer_mS_M_u32	-1600 0		
k_HiSpdVDAuthority_Uls_f32	0		
k HwTqMgnThd HwNm f32	0		
k_LoSpdVDAuthority_UIs_f32	0		
k_SrlHwAgVldTiThd_mS_u32	0		
k_SysKinRatio_MtrDegpHwDeg_f32	1		
k_TravelXCDeadband_Uls_f32	0		
k_TravelXCHwAuthority_Uls_f32	0		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	0		
target GetSystemTime mS u32 CurrentTime	0		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_Elapsed			
target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTim			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target VehDyn Per1 CcwEOT HwDeg f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3:	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	lpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_I	Jls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	Nm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_C	nt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1440.10999		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	360		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-10		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1118		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1600		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1600		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.80000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value			<b>-</b>
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	<b>V</b>
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0	0	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.PelHypPosEilt1SV_HypPog_str.SV_Llls_f32	1600	1600 + 0.000	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600 -1600	-1600 ± 0.009	<b>*</b>
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0	-1600 ± 0.009	<b>V</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	-
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	0	0	·
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0	0	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	-
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0	0	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	-1600	-1600 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc			
	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>*</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0 0 0	0 0	~
	0	0	

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Name	Actual Value	Expected Value	Result
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	✓
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	✓
VehDyn_MaxOffset_HwDeg_M_f32	360	360	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999	-1440.10999	✓
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-18.7999992	-18.7999992 ± 0.00009	<b>✓</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	0	0	✓
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0	0 ± 0.004	✓
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	<b>~</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lame	Input Value
trmnElapsedTime_mS_u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
setSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
tte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime
tte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
te_Inst_Ap_VehDyn	target Rte Inst Ap VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	138.100006
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	216.199997
ehDyn_AutoChtrDetSpd_M_str.FiltPinTrg_HwNm_f32	1.20000005
ehDyn_AutoCntrDetSpd_M_str.CntrWindow HwDeg f32	86.199969
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	10412
· - ·	3277
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809 54822322
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000850000011
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000850000011
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86.1999969
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	166
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.4000001
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	41
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2760420809
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000638000027
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000268000003
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	124.699997
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	216.600006
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1.70000005
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	88.5999985
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53970
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52282
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420809
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584786
ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-293.049988
ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000850000011

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1200.5		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	868.357971 -770.754028		
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.20000005		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000422000012		
VehDyn SLPHwAuth Uls M f32	0.606999993		
VehDyn_SLPHwPos_HwDeg_M_f32	-563.150024		
VehDyn_SrlHwAgVldTimer_mS_M_u32	463842816		
k_HiSpdVDAuthority_Uls_f32	1		
k_HwTqMgnThd_HwNm_f32	1		
k LoSpdVDAuthority UIs f32	0		
k_SrlHwAgVldTiThd_mS_u32	1385		
k_SysKinRatio_MtrDegpHwDeg_f32	96.3000031		
k_TravelXCDeadband_Uls_f32	66.2099991		
k_TravelXCHwAuthority_Uls_f32	0.137899995		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3533260288		
target_GetSystemTime_mS_u32_CurrentTime	2942063360		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT	2659241984		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	463842816		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	lpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_L	Jls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	wDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Ci		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-812.150024		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1416.51196		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	6		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-897.599976 -293.049988		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	-293.049988		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-563.150024		
target_VehDyn_Per1_ShrwAg_nwbeg_loz.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target VehDyn Per1 VehicleSpeed Kph f32.value	354.75		
Name	Actual Value	Expected Value	Resu
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	I Cou
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2760420809	2760420809	
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	54822322	54822322	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2942063360	2942063360	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322	54822322	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	,

0

0

2942063360

-293.049988

-293.049988

54822322

0

0

2942063360

-293.049988 ± 0.0009

-293.049988 ± 0.0009

54822322

VehDyn\_AutoCntrLoSpd\_M\_str.Filter1Enable\_Cnt\_lgc

 $VehDyn\_AutoCntrHiSpd\_M\_str.Filter1Initialized\_Cnt\_lgc$ 

VehDyn\_AutoCntrHiSpd\_M\_str.Filter2Initialized\_Cnt\_lgc VehDyn\_AutoCntrLoSpd\_M\_str.Timer1\_mS\_u32

VehDyn\_AutoCntrLoSpd\_M\_str.RelHwPosFilt1SV\_HwDeg\_str.SV\_Uls\_f32 VehDyn\_AutoCntrLoSpd\_M\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32

VehDyn\_AutoCntrLoSpd\_M\_str.Timer2\_mS\_u32





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1416.51196	1416.51196	~
VehDyn_MinOffset_HwDeg_M_f32	-812.150024	-812.150024	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	3.20116019	3.20116019 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	463842816	463842816	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	907.450012	907.450012 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	-

ame rmnElapsedTime mS u32(ElapsedTime)	Input Value
	target DtrmnElapsedTime mS u32 ElapsedTime
etSystemTime mS u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
e_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
e Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
e_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
hDyn AllowHiSpdAutoCntr Cnt M Igc	1
hDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	498.200012
hDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156.199997
hDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	3.20000005
hDyn_AutoCntrDetSpd_M_str.CntrWindow HwDeg_f32	52,2000008
hDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21335
hDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	34188
hDyn_AutoCntrDetSpd_M_str.Timer2111lestr_ms_u10	274107514
hDyn_AutoCntrDetSpd_M_str.Timer1_m3_u32	4004004656
hDyn_AutoCntrDetSpd_M_str.Timer2_m3_u32 hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-627.179993
hDyn_AutoCntrDetSpd_M_str.ReinwPosFilt1SV_nwDeg_str.Sv_Uis_i32	0.000852000026
hDyn_AutoCntrDetSpd_M_str.ReinwrosFitt3v_nwbeg_str.R_ois_is2	-627.179993
hDyn_AutoCntrDetSpd_M_str.NeiHwPosFilt2SV_HwDeg_str.Sv_ois_i32	0.000852000026
hDyn_AutoCntrDetSpd_M_str.Filter1Enable Cnt_lgc	1
hDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
hDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
hDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
	10
hDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	• •
hDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	226.399994 8
hDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	·
hDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.1999969
hDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
hDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282
hDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	274107514
hDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-627.179993
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000639999984
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-627.179993
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000272000005
hDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
hDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
hDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
hDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
hDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	98.8000031
hDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	88.3000031
hDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.8000002
hDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.2999992
hDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	38868
hDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	57944
hDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-627.179993		
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000566000002		
, = , = = = = = = = = = = = = = = = = =	-627.179993		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000852000026		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1100.58997		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn MaxOffset HwDeg M f32	873.349976		
VehDyn_MinOffset_HwDeg_M_f32	-764.070007		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.80000019		
	0.00042299999		
VehDyn_PinTrqSV_M_str.K_Uls_f32			
VehDyn_SLPHwAuth_Uls_M_f32	0.624000013		
VehDyn_SLPHwPos_HwDeg_M_f32	-552.890015		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1759885568		
k_HiSpdVDAuthority_Uls_f32	1		
k_HwTqMgnThd_HwNm_f32	1.5		
k_LoSpdVDAuthority_Uls_f32	0		
k_SrlHwAgVldTiThd_mS_u32	744		
k_SysKinRatio_MtrDegpHwDeg_f32	32.5		
k_TravelXCDeadband_Uls_f32	65.1800003		
k_TravelXCHwAuthority_UIs_f32	0.139125004		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3714197504		
target_GetSystemTime_mS_u32_CurrentTime	2075080192		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	!	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	oS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3:	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVId_Cnt_lgc	D09_102	
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAg HwDeg f32			
V	target_VehDyn_Per1_SrlHwAg_HwDeg_f32	400	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-805.890015		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1410.94299		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	6.19999981		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1009.29999		
target VehDyn Per1 RelHwPos HwDeg f32.value	-627.179993		
target VehDyn Per1 SrlHwAgVld Cnt Igc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-552.890015		
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	398.109985		
		l .	1
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	274107514	274107514	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-627.179993	-627.179993 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-627.179993	-627.179993 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>~</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	,
	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc			
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	_
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2075080192	2075080192	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656	4004004656	-
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32		4004004656 -627.179993 ± 0.0009	_
	4004004656		-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	4004004656 -627.179993	-627.179993 ± 0.0009	<b>*</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	4004004656 -627.179993 -627.179993	-627.179993 ± 0.0009 -627.179993 ± 0.0009	<b>*</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	4004004656 -627.179993 -627.179993 0	-627.179993 ± 0.0009 -627.179993 ± 0.0009 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	4004004656 -627.179993 -627.179993 0 0	-627.179993 ± 0.0009 -627.179993 ± 0.0009 0 0	\rightarrow \frac{1}{2}
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	4004004656 -627.179993 -627.179993 0 0	-627.179993 ± 0.0009 -627.179993 ± 0.0009 0 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	4004004656 -627.179993 -627.179993 0 0	-627.179993 ± 0.0009 -627.179993 ± 0.0009 0 0	· · · · · · · · · · · · · · · · · · ·



Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-627.179993	-627.179993 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-627.179993	-627.179993 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_MaxOffset_HwDeg_M_f32	873.349976	873.349976	~
VehDyn_MinOffset_HwDeg_M_f32	-178.710022	-178.710007	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.79938316	7.79938316 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1759885568	1759885568	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	473.409973	473.410004 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Jama	Innuit Value
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	662.400024
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	196.399994
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	5.4000001
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.4000015
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43190
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3186
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892860
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476707
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1454.77002
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000845999981
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1454.77002
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000845999981
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124.199997
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	146
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.3999996
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	33198
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	7778
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2345892860
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476707
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1454.77002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000633999996
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1454.77002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000260000001
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt lgc	1
/ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	96.6999969
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	42.599985
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.6999981
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	63.599985

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	25532		
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	27401		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892860		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476707		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-157.490005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.42000014e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000845999981		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn ForceCenterOffset HwDeg M f32	-1400.31995		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn Initialize Cnt M Igc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	858.374023		
VehDyn_MinOffset_HwDeg_M_f32	-784		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	13.8999996		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000419999997		
VehDyn_SLPHwAuth_Uls_M_f32	0.573000014		
VehDyn_SLPHwPos_HwDeg_M_f32	-583.669983		
VehDyn_SrlHwAgVldTimer_mS_M_u32	3437401088		
k_HiSpdVDAuthority_Uls_f32	1		
k_HwTqMgnThd_HwNm_f32	5.44999981		
k_LoSpdVDAuthority_Uls_f32	0.5		
k_SrlHwAgVldTiThd_mS_u32	65		
k_SysKinRatio_MtrDegpHwDeg_f32	53.5		
k TravelXCDeadband Uls f32	68.2699966		
k TravelXCHwAuthority Uls f32	0.135450006		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2242866176		
target_GetSystemTime_mS_u32_CurrentTime	309385728		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	3437401088		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	!	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_L	lls f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	-5_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target VehDyn Per1 SrlHwAg HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	m f32	
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeedValid Cnt Igc			
	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3.	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-824		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1427.65002		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	5.5999999		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	159.410004		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1454.77002		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-583.669983		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	156.960007		
		Expected Value	Dogult
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892860	2345892860	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476707	3589476707	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1454.77002	-1454.77002 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1454.77002	-1454.77002 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	-
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	309385728	309385728	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476707	3589476707	J
			~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1454.77002	-1454.77002 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1454.77002	-1454.77002 ± 0.009	<b>V</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	309385728	309385728	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476707	3589476707	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-157.490005	-157.490005 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	858.374023	858.374023	~
VehDyn_MinOffset_HwDeg_M_f32	630.77002	630.77002	•
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.8965578	13.8965578 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	3437401088	3437401088	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.5	0.5 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	145.22998	145.229996 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Nome	Innut Value
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	44.4000015
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.399994
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.4000001
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	12.3999996
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	5235
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000855999999
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000855999999
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	96
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	186.399994
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	88.1999969
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	26195
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	22037
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948758
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000644000014
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000280000007
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	1

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VehDyn\_Per1



Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	88.3000031		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	236.300003		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.30000019		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	97.3000031		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	7034		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	39056		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948758		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	731.700012 6.3999998e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000855999999		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-900.77002		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	883.333984		
VehDyn_MinOffset_HwDeg_M_f32	-750.702026		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.5999999		
VehDyn_PinTrqSV_M_str.K_Uls_f32 VehDyn_SLPHwAuth_Uls_M_f32	0.000425000006 0.657999992		
VehDyn SLPHwPos HwDeg M f32	-532.369995		
VehDyn_SrlHwAgVldTimer_mS_M_u32	4243378688		
k HiSpdVDAuthority UIs f32	1		
k_HwTqMgnThd_HwNm_f32	5.25		
k LoSpdVDAuthority Uls f32	0		
k_SrlHwAgVldTiThd_mS_u32	701		
k_SysKinRatio_MtrDegpHwDeg_f32	78.3000031		
k_TravelXCDeadband_Uls_f32	63.1199989		
k_TravelXCHwAuthority_Uls_f32	0.141574994		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3345084416		
target_GetSystemTime_mS_u32_CurrentTime	1736795392		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_Elapsed$			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_MotorVelCRF_MtrRactarget_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target VehDyn Per1 SensorlessAuthority		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target VehDyn Per1 SensorlessHwPos H	_	
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAgVld Cnt Igc	target VehDyn Per1 SrlHwAgVld Cnt Igc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32	2	
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target_VehDyn_Per1_TorqueCmdCRF_MtrI		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_C		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-793.369995		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1399.80505		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	6.5999999		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	731.700012		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-532.369995		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.19999981		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0 354.98999		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value		Eveneted Value	D
Name VehDvn AllowHiSedAuteCetr Cet M. Ide	Actual Value	Expected Value	Resul
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758	3174948758	
VehDyn AutoCntrDetSpd M str.Timer1_mS_us2  VehDyn AutoCntrDetSpd M str.Timer2 mS u32	4290967295	4290967295	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	131.700012 1 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1736795392	1736795392	
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	4290967295	4290967295	

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1736795392	1736795392	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295	4290967295	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1399.80505	1399.80505	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-793.369995	-793.369995	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.59961939	7.59961939 ± 0.000009	<b>✓</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	4243378688	4243378688	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.657999992	0.657999992 ± 0.004	<b>✓</b>
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	199.330017	199.330002 ± 0.1	<b>✓</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	<b>~</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	~

Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime
Rte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Iqc	0
/ehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	96.0999985
/ehDyn AutoCntrDetSpd M str.VehSpd kph f32	176.100006
VehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	6.0999999
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	53.099985
VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	29076
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	43868
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-968.400024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000858000014
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-968.400024
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000858000014
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	100.199997
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	196
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.4000001
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	43190
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3186
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3382212733
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-968.400024
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000645999971
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-968.400024
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000284000009

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Name	Input Value		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	94.1999969		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	246.199997		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.1999981 86.1999969		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	25532		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27401		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-968.400024		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.42000014e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000858000014		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrl_oSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn ForceCenterEnabled Cnt M Igc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-800.859985		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	888.325989		
VehDyn_MinOffset_HwDeg_M_f32	-744.018005		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.5		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000426000013		
VehDyn_SLPHwAuth_UIs_M_f32 VehDyn_SLPHwPos_HwDeg_M_f32	-522.109985		
VehDyn_SrlHwAgVldTimer_mS_M_u32	2127166208		
k HiSpdVDAuthority Uls f32	0		
k_HwTqMgnThd_HwNm_f32	1.10000002		
k_LoSpdVDAuthority_UIs_f32	1		
k_SrlHwAgVldTiThd_mS_u32	702		
k_SysKinRatio_MtrDegpHwDeg_f32	96.5		
k_TravelXCDeadband_Uls_f32	62.0900002		
k_TraveIXCHwAuthority_Uls_f32	0.142800003		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2704864000		
target_GetSystemTime_mS_u32_CurrentTime target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT	3437401088		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f	32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_inst_Ap_venDyn.VenDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f:		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-787.109985		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1394.23596		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	6.80000019		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-897.599976		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-968.400024		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-522.109985		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value	-8.39999962 1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	452.359985		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3437401088	3437401088	-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779	1078320779	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-968.400024	-968.400024 ± 0.0009	<b>~</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-968.400024	-968.400024 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0	0	<b>✓</b>





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3382212733	3382212733	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779	1078320779	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-968.400024	-968.400024 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-968.400024	-968.400024 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733	3382212733	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779	1078320779	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-968.400024	-968.400024 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	1394.23596	1394.23596	~
VehDyn_MinOffset_HwDeg_M_f32	-787.109985	-787.109985	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.50222075	1.50222075 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2127166208	2127166208	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-167.540039	-167.539993 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.109 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	100.300003
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	186.300003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.3000002
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.3000031
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	53946
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	49.4199982
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000859999971
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	49.4199982
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000859999971
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	206.199997
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	97.4000015
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	30404
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	30349
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3589476707
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	49.4199982
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000647999987

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VehDyn\_Per1



Name	Input Value		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	49.4199982		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00028800001		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	126.300003		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	123.300003		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.3000002		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	42.2999992		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	12258		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36416		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476707		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	49.4199982		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.44000029e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	448.5		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000859999971		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-700.950012		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	893.317993		
VehDyn_MinOffset_HwDeg_M_f32	-737.333984		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1.60000002		
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.000426999992		
VehDyn_SLPHwAuth_Uls_M_f32	0.691999972		
VehDyn_SLPHwPos_HwDeg_M_f32	-511.850006		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1		
k_HiSpdVDAuthority_UIs_f32 k_HwTqMgnThd_HwNm_f32	1.20000005		
k_LoSpdVDAuthority_Uls_f32	0		
k_SrlHwAgVldTiThd_mS_u32	703		
k SysKinRatio MtrDegpHwDeg f32	32.0999985		
k TravelXCDeadband Uls f32	61.0600014		
k TravelXCHwAuthority Uls f32	0.144024998		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	662694400		
target_GetSystemTime_mS_u32_CurrentTime	3494315776		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target Rte Inst Ap VehDyn.VehDyn Per1 HwTorque HwNm f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos HwDeg f3.		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_L		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	<del>-</del>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	m_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3.		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-780.849976		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1388.66699		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.98999		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	49.4199982		
target_VehDyn_Per1_SrlHwAgVld_Cnt_Igc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-511.850006		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	423.769989		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707	3589476707	<b>V</b>
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	2138628886	2138628886	~
> =			_

49.4199982

49.4199982

 $VehDyn\_AutoCntrDetSpd\_M\_str.RelHwPosFilt1SV\_HwDeg\_str.SV\_Uls\_f32$ 

 $VehDyn\_AutoCntrDetSpd\_M\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32$ 

49.4199982 ± 0.00009

49.4199982 ± 0.00009





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3494315776	3494315776	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886	2138628886	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	49.4199982	49.4199982 ± 0.00009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	49.4199982	49.4199982 ± 0.00009	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3494315776	3494315776	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886	2138628886	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	49.4199982	49.4199982 ± 0.00009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	448.5	448.5 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_Initialize_Cnt_M_lgc	1	1	•
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_MaxOffset_HwDeg_M_f32	893.317993	893.317993	•
VehDyn_MinOffset_HwDeg_M_f32	-737.333984	-737.333984	•
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.59626269	-1.59626257 ± 0.000009	•
VehDyn_SrlHwAgVldTimer_mS_M_u32	4243378688	4243378688	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.691999972	0.691999972 ± 0.004	•
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	-462.429993	-462.429993 ± 0.1	•

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	-

Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTim
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	124.199997
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	196.199997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.2000008
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.1999969
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	40437
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	13059
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892860
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-559.150024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000861999986
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-559.150024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000861999986
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	78.1999969
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	216
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	1.5
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.1999969
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	10412
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3277

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892860
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-559.150024
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000650000002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-559.150024
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000292000012
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	124.5
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	125.5
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.5
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.5
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	34738
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36612
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892860
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-559.150024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.45999971e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-157.490005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000861999986
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	-601.039978
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn Initialize Cnt M Igc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-898.309998
VehDyn MinOffset HwDeg M f32	-730.650024
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.8000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000427999999
VehDyn_SLPHwAuth_Uls_M_f32	0.708999991
VehDyn SLPHwPos HwDeg M f32	-501.589996
VehDyn_SrlHwAgVldTimer_mS_M_u32	1050692864
k HiSpdVDAuthority UIs f32	0
k HwTqMgnThd HwNm f32	6.5
k_LoSpdVDAuthority_Uls_f32	1
k_SrlHwAgVldTiThd_mS_u32	9000
k_SysKinRatio_MtrDegpHwDeg_f32	52.4000015
k TravelXCDeadband Uls f32	60.0299988
k_TraveIXCHwAuthority_Uls_f32	0.145249993
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2303132928
target_GetSystemTime_mS_u32_CurrentTime	463842816
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_target_Rte_Call_Ap_VehDyn_SystemTime_Otton.	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-774.590027
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1383.09802
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.19999981
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-456
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-559.150024
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-501.589996
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
	62.1100006
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	62.1100006
	Actual Value Expected Value Res





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	463842816	463842816	✓
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892860	2345892860	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-559.150024	-559.150024 ± 0.0009	✓
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-559.150024	-559.150024 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	✓
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3796740682	3796740682	✓
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892860	2345892860	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-559.150024	-559.150024 ± 0.0009	✓
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-559.150024	-559.150024 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	✓
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3796740682	3796740682	✓
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892860	2345892860	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-559.150024	-559.150024 ± 0.0009	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-157.490005	-157.490005 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	✓
VehDyn_Initialize_Cnt_M_lgc	1	1	✓
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	✓
VehDyn_MaxOffset_HwDeg_M_f32	-898.309998	-898.309998	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-215.440002	-215.440002	✓
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.7905388	-14.7905378 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1050692864	1050692864	✓
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.708999991	0.708999991 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1060.73999	-1060.73999 ± 0.1	<b>✓</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.111 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	66.0999985
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	176.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.0999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	10.1000004
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004656
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	933.469971
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000867999974
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	933.469971
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000867999974
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	88.1999969
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	156.5
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.20000005
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	42

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VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter3Pintralfinitialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	56.399994 2.4000015 6.3999996 3.4000015 7799 1632 004004656 553156835 33.469971 .47999987e-005 33.469971 .51327106e-006
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  1  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  0  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  1  VehDyn_AutoCntrLoSpd_M_str.Filter2Hrialitialized_Cnt_lgc  1  VehDyn_AutoCntrLoSpd_M_str.Filter2Hrialitialized_Cnt_lgc  1  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	2497 004004656 553156835 33.469971 .000652000017 33.469971 .000296000013  56.399994 2.4000015 6.399996 3.4000015 77799 1632 004004656 553156835 33.469971 .47999987e-005 33.469971 .51327106e-006
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  1  VehDyn_AutoCntrLoSpd_M_str.WehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.WehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	004004656 553156835 33.469971 .000652000017 33.469971 .000296000013  56.399994 2.4000015 6.399996 3.4000015 7799 1632 004004656 553156835 33.469971 .47999987e-005 33.469971 .51327106e-006
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  1  VehDyn_AutoCntrLoSpd_M_str.WitVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VeltPhyn_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Tn-HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Tnresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	553156835 33.469971 .000652000017 33.469971 .000296000013  56.399994 2.4000015 6.399996 3.4000015 7799 1632 0004004656 553156835 33.469971 .47999987e-005 33.469971 .51327106e-006
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32         93           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32         0.0           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         93           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         0.0           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.WtvPl_MtrRadpS_f32         45           VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32         32           VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32         16           VehDyn_AutoCntrLoSpd_M_str.Timer1Tmesh_mS_u16         37           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         41           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         40           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         40           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32         93           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         93           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 <td>33.469971 .000652000017 33.469971 .000296000013  56.399994 2.4000015 6.399996 3.4000015 7799 1632 004004656 553156835 33.469971 .47999987e-005 33.469971 .51327106e-006</td>	33.469971 .000652000017 33.469971 .000296000013  56.399994 2.4000015 6.399996 3.4000015 7799 1632 004004656 553156835 33.469971 .47999987e-005 33.469971 .51327106e-006
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32         0.0           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         93           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         0.0           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.WtVel_MtrRadpS_f32         45           VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32         32           VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32         16           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         37           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         41           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         40           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         40           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         25           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32         93           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         93           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         25           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 <td< td=""><td>.000652000017 33.469971 .000296000013  56.399994 2.4000015 6.3999996 3.4000015 7799 1632 004004656 553156835 33.469971 .47999987e-005 33.469971 .51327106e-006</td></td<>	.000652000017 33.469971 .000296000013  56.399994 2.4000015 6.3999996 3.4000015 7799 1632 004004656 553156835 33.469971 .47999987e-005 33.469971 .51327106e-006
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         933           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         0.0           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Welp_MtrRadpS_f32         45           VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32         32           VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32         16           VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32         53           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         41           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         41           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         40           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         40           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         93           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         93           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         2.5           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0 <td>33.469971 .000296000013 56.399994 2.4000015 6.3999996 3.4000015 7799 1632 004004656 553156835 33.469971 4.47999987e-005 33.469971 .51327106e-006</td>	33.469971 .000296000013 56.399994 2.4000015 6.3999996 3.4000015 7799 1632 004004656 553156835 33.469971 4.47999987e-005 33.469971 .51327106e-006
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         0.0           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32         45           VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32         32           VehDyn_AutoCntrLoSpd_M_str.FiltPinTrd_HwNm_f32         16           VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32         53           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         37           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         410           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         40           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         25           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32         93           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         93           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         93           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         25           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0 </td <td>.000296000013 56.399994 2.4000015 6.399996 3.4000015 7799 1632 004004656 553156835 33.469971 .47999987e-005 33.469971 .51327106e-006</td>	.000296000013 56.399994 2.4000015 6.399996 3.4000015 7799 1632 004004656 553156835 33.469971 .47999987e-005 33.469971 .51327106e-006
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	56.399994 2.4000015 6.3999996 3.4000015 7799 1632 004004656 553156835 33.469971 .47999987e-005 33.469971 .51327106e-006
VehDyn_AutoCntrHiSpd_M_str.Fiiter2Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Fiiter1Initialized_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.WehSpd_kph_f32         45           VehDyn_AutoCntrLoSpd_M_str.FiitPinTrq_HwNm_f32         16           VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32         53           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         37           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         416           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         400           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         400           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         93           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         6.4           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         93           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         2.5           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         0	56.399994 2.4000015 6.3999996 3.4000015 7799 1632 004004656 553156835 33.469971 .47999987e-005 33.469971 .51327106e-006
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32         45           VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32         32           VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32         16           VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32         53           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         37           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         416           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u32         400           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         25           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         93           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32         6.4           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         93           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         2.5           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1	56.399994 2.4000015 6.3999996 3.4000015 7799 1632 004004656 553156835 33.469971 .47999987e-005 33.469971 .51327106e-006
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32         45f           VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32         32           VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32         16.           VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32         53.           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         37'           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         416           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         400           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         258           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         93           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32         6.4           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         93           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         2.5           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1	2.4000015 6.3999996 3.4000015 7799 1632 004004656 553156835 33.469971 .47999987e-005 33.469971 .51327106e-006
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  0  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	2.4000015 6.3999996 3.4000015 7799 1632 004004656 553156835 33.469971 .47999987e-005 33.469971 .51327106e-006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 16.  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 53.  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 37.  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 410.  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u32 400.  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 25.  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 93.  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 6.4.  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 93.  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 93.  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 2.5.  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1	6.3999996 3.4000015 7799 1632 004004656 553156835 33.469971 .47999987e-005 33.469971 .51327106e-006
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 53. VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 37. VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 410. VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 410. VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 400. VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 25. VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 93. VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 6.4. VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 93. VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 2.5. VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0. VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1.	3.4000015 7799 1632 004004656 553156835 33.469971 .47999987e-005 33.469971 .51327106e-006
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 37' VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 41t VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 41t VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 40t VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 25t VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 93: VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 6.4 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 93: VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 2.5 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1	7799 1632 004004656 553156835 33.469971 .47999987e-005 33.469971 .51327106e-006
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 41  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 400  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 255  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_UIs_f32 935  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_UIs_f32 6.4  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_UIs_f32 935  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32 2.5  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32 2.5  VehDyn_AutoCntrLoSpd_M_str.Fitter1Enable_Cnt_lgc 0  VehDyn_AutoCntrLoSpd_M_str.Fitter2Enable_Cnt_lgc 1	1632 004004656 553156835 33.469971 .47999987e-005 33.469971 .51327106e-006
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 400 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 255 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_UIs_f32 935 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_UIs_f32 6.4 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_UIs_f32 935 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32 2.5 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32 2.5 VehDyn_AutoCntrLoSpd_M_str.Fitter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Fitter2Enable_Cnt_lgc 1	004004656 553156835 33.469971 .47999987e-005 33.469971 .51327106e-006
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 25: VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_UIs_f32 93: VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_UIs_f32 6.4 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_UIs_f32 93: VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32 2.5 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32 0.5 VehDyn_AutoCntrLoSpd_M_str.Fitter1Enable_Cnt_lgc 0.5 VehDyn_AutoCntrLoSpd_M_str.Fitter2Enable_Cnt_lgc 1.5	553156835 33.469971 .47999987e-005 33.469971 .51327106e-006
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_UIs_f32 93: VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_UIs_f32 6.4 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_UIs_f32 93: VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32 2.5 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1	33.469971 .47999987e-005 33.469971 .51327106e-006
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_Uls_f32 6.4 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 93: VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_Uls_f32 2.5 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1	.47999987e-005 33.469971 .51327106e-006
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_UIs_f32 93: VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32 2.5 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1	33.469971 .51327106e-006
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32       2.5         VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc       0         VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc       1	.51327106e-006
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1	
, =	
venDyn_AutoCntrLoSpd_M_str.FilterTinitialized_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 1  VehDyn_ForceConterEnabled_Cnt_M_lga_	
VehDyn_ForceCenterEnabled_Cnt_M_lgc 1 VehDyn_ForceCenterOffset HwDeg M f32 -50	
VehDyn HiSpdLearnt Cnt M Igc 0	501.130005
VehDyn Initialize Cnt M Igc 0	
VehDyn LoSpdLearnt Cnt M Igc 0	
	003.302002
	723.966003
, = = 0= =	7.7999992
	.000429000007
	.726000011
, = = = =	191.329987
	039943680
k_HiSpdVDAuthority_Uls_f32 1	
k_HwTqMgnThd_HwNm_f32 0.0	.00120000006
k_LoSpdVDAuthority_Uls_f32	
k_SrlHwAgVldTiThd_mS_u32 100	000
k_SysKinRatio_MtrDegpHwDeg_f32 10.	0.1000004
k_TravelXCDeadband_Uls_f32 59	9
k_TravelXCHwAuthority_Uls_f32 0.1	.146475002
· ·	129141760
target_GetSystemTime_mS_u32_CurrentTime 175	759885568
	63842816
	039943680
	arget_VehDyn_Per1_CcwEOT_HwDeg_f32
	arget_VehDyn_Per1_CwEOT_HwDeg_f32
	arget_VehDyn_Per1_HwTorque_HwNm_f32
	arget_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
	arget_VehDyn_Per1_RelHwPos_HwDeg_f32
	arget_VehDyn_Per1_SensorlessAuthority_Uls_f32
	arget_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
	arget_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
	rrget_VehDyn_Per1_SrlHwAg_HwDeg_f32 rrget_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
	arget_VenDyn_Per1_TorqueCritdCRr_MitNfin_tsz arget_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
	arget_VehDyn_Per1_VehicleSpeed_Kph_f32
	768.330017
	377.52905
	.400001
	14.59998
	33.469971
target VehDyn Per1 SrlHwAgVld Cnt Igc.value 0	
	191.329987
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -8	
target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value 0	
0 = 7 = = 1 = = 20	23.75





Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	✓
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004656	4004004656	✓
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835	2553156835	✓
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	933.469971	933.469971 ± 0.0009	✓
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	933.469971	933.469971 ± 0.0009	✓
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	✓
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	✓
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	✓
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	✓
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1759885568	1759885568	✓
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835	2553156835	✓
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	933.469971	933.469971 ± 0.0009	✓
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	933.469971	933.469971 ± 0.0009	✓
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	✓
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1759885568	1759885568	✓
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835	2553156835	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	933.469971	933.469971 ± 0.0009	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	933.469971	933.469971 ± 0.0009	✓
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	✓
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	✓
VehDyn_Initialize_Cnt_M_lgc	1	1	✓
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	✓
VehDyn_MaxOffset_HwDeg_M_f32	1377.52905	1377.52905	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-768.330017	-768.330017	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7951984	17.7951984 ± 0.00009	<b>✓</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	3039943680	3039943680	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	<b>✓</b>
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1434.59998	1434.59998 ± 0.1	✓

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.112 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime	
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	34.2999992	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	186.300003	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.30000019	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	25.2999992	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20423	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	31368	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1144.59998	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000869999989	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1144.59998	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000869999989	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	94.5	

2015-09-15, 13:22:52+0530



Name         Unput Value           Vestloy, Auscontriged, M. et investiget pight (2)         16           Vestloy, Auscontriged, M. et investiget pight (2)         12,169666           Vestloy, Auscontriged, M. et investiget pight (2)         12,169666           Vestloy, Auscontriged, M. et investiget pight (2)         20,16966           Vestloy, Auscontrige, M. et investiget pight (2)         44,16966           Vestloy, Auscontrige, M. et investiget pight (2)         47,16966           Vestloy, Auscontriget, M. et investiget pight (2)		
Verlöpe, Auschanisch M. dr. Germanne heben 192 12999999  Verlöpe Auschanisch M. dr. Germanne 190 00 500  Verlöpe, Auschanisch M. dr. Termanne 190 10 500  Verlöpe, Auschanisch M. dr. Te	Name	Input Value
Validage   Marchen Serger   March Control	VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	166
VeoDup Austoniani Sept   M. F. Timer Times in mis use   2020	VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4
VARIDAM ASSOCIATION   1.5. TITEST   1.5. T	VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	12.1999998
VADDY, BAZDORINISKY, M. J. TITHOR J. J. 22         411268830           VADDY, BAZDORINISKY, M. J. TITHOR J. ST. V. J. 192, 32         7656800           VADDY, BAZDORINISKY, M. J. TITHOR J. ST. V. J. 192, 32         11445 5088           VADDY, BAZDORINISKY, M. J. ST. ST. V. J. 192, 32         11445 5088           VADDY, BAZDORINISKY, M. J. ST. ST. V. J. ST. V. J	VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	5235
VerDyn, Autocristics, M. at Fielder-Parisity Februsy, W. SV Us 122  VerDyn, Autocristics, M. at Reinherbertitisty Februsy, W. SV Us 122  VerDyn, Autocristics, M. at Reinherbertitisty Februsy, W. SV Us 122  VerDyn, Autocristics, M. at Reinherbertitisty Februsy, W. SV Us 123  VerDyn, Autocristics, M. at Reinherbertitisty, Februsy, W. SV Us 123  VerDyn, Autocristics, M. at Reinherbertitisty, Februsy, W. SV Us 123  VerDyn, Autocristics, M. at Reinherbertitisty, Februsy, W. SV Us 123  VerDyn, Autocristics, M. at Februsy, W. SV Us 124  VerDyn, Autocristics, M. at Februsy, W. SV Us 124  VerDyn, Autocristics, M. at Februsy, W. SV Us 124  VerDyn, Autocristics, M. at Februsy, W. SV Us 124  VerDyn, Autocristics, M. at Februsy, W. SV Us 124  VerDyn, Autocristics, M. at Februsy, W. SV Us 125  VerDyn, Autocristics, M. at Februsy, W. SV Us 124  VerDyn, Autocristics, M. at Februsy, W. SV Us 125  VerDyn, Autocristics, M. at Feb		27074
Variory, Auschmissipe II, et in Reinferdiers V, Holing, and V, Lin J. 20  Variory, Auschmissipe II, et in Reinferdiers V, Holing, and V, Lin J. 20  Variory, Auschmissipe II, et in Reinferdiers V, Holing, and V, Lin J. 20  Variory, Auschmissipe II, et in Reinferdiers Cruit Joe  Variory, Auschmissipe II, et in Reinferdiers III, et in III, et i	VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4211268631
Verbilly Authoritising by at Renterberisht Vy Jahong and Vy Lip 20  Verbilly Authoritising by at Renterberisht Vy Jahong and Vy Lip 20  Verbilly Authoritising by at Renterberisht Vy Hong as AV Lip 122  Verbilly Authoritising by at Renterberisht Vy Hong as AV Lip 122  Verbilly Authoritising by at Renterberisht Vy Hong as AV Lip 122  Verbilly Authoritising by at Renterberisht Cert Ige  Verbilly Authoritising by at Renterberisht Vy Hong as AV Lip 122  Verbilly Authoritising by Att Intert Threat Ige 132  Verbilly Authoritising by Att Intert Threat Ige 132  Verbilly Authoritising by Att Intert Ige 132  Verbilly Authoritising by Att Ige 132  Verbilly Authoritising by Att Intert Ige 132  Verbilly Authoritising by Att Ige 1		
Vestion_AutoChristopd_M.sc EntireCharles(2)_Molog_att SV_Ub_132		
VelDy AutoCeletised M. striker Celetise City to     VelDy AutoCeletised M. striker Celetise V. striker Celetise City to     VelDy AutoCeletised M. striker Celetise V. striker Celetise V. striker Celetise City to     VelDy AutoCeletised M. striker Celetise V. striker Celetise V. striker Celetise City to     VelDy AutoCeletised M. striker Celetise City to       VelDy AutoCeletised M. striker Celetise City to       VelDy AutoCeletised M. striker Celetise City to         VelDy AutoCeletised M. striker Celetise City to             VelDy AutoCeletised M. striker Celetise City to		
Verbirty, AutoContested, M. a. Pfiletic Seale, Cett. go 1 Verbiry, AutoContested, M. a. Pfiletic Seale, Cett. go 1 Verbiry, AutoContested, M. a. Pfiletic Seale, Cett. go 1 Verbiry, AutoContested, M. a. Pfiletic Seale, Cett. go 1 Verbiry, AutoContested, M. a. Pfiletic Seale, Cett. go 2 Verbiry, AutoContested, M. a. Pfiletic Seale, Cett. go 2 Verbiry, AutoContested, M. a. Pfiletic Seale, Cett. go 2 Verbiry, AutoContested, M. a. Pfiletic Seale, Define 2 Verbiry, AutoContested, M. a. Pfiletic Seale, Verbiry, A		
Verlicity AutoContenting   M. or Filter Filter Residence   Cell   1		
Verbiller, MacContesting of Mar. Filter Initiatised Crit igs 0 Verbiller, MacContesting of Mar. Filter Initiatised Crit igs 0 Verbiller, MacContesting of Mar. Filter Initiatised Crit igs 0 Verbiller, MacContesting of Mar. Verbiller, Marcontesting of Mar. Verbiller, Verbiller, Verbiller, Marcontesting of Mar. Verbiller, Verbiller, Verbiller, Mar. Verbiller, Verbiller, Mar. Verbiller, Verbiller, Verbiller, Mar. Verbiller, Verbi		•
Verbiny AusCortinistics of Mat. Priline/Publishase Critics   1945   Verbiny AusCortinis (Sep M. et Verbiny (MacRost) (Sep M. et Ve	, - ,	
VeDity   AutOCHIC SQR   M. ST WINES   MINES   18.5		
VARDIN_AURCHITESSEM_MERN_VARSIN_LINE_12   15.5		
VelOp. AutoContic Seq. M. str. Prilabrite, Notwin, 122  VelOp. AutoContic Seq. M. str. Timer Times In my. 116  VelOp. AutoContic Seq. M. str. Timer Times In my. 116  VelOp. AutoContic Seq. M. str. Timer Times In my. 116  VelOp. AutoContic Seq. M. str. Timer Times In my. 117  VelOp. AutoContic Seq. M. str. Timer Times In my. 117  VelOp. AutoContic Seq. M. str. Timer Times In my. 118  VelOp. AutoContic Seq. M. str. Timer Times In my. 118  VelOp. AutoContic Seq. M. str. Review Prilabrite In My. 118  VelOp. AutoContic Seq. M. str. Review Prilabrite In My. 118  VelOp. AutoContic Seq. M. str. Review Prilabrite In My. 118  VelOp. AutoContic Seq. M. str. Review Prilabrite In My. 118  VelOp. AutoContic Seq. M. str. Review Prilabrite In My. 118  VelOp. AutoContic Seq. M. str. Review Prilabrite In My. 118  VelOp. AutoContic Seq. M. str. Pilabrite Institute Co. Upg  VelOp. AutoContic Seq. M. str. Pilabrite Institute Co. Upg  VelOp. AutoContic Seq. M. str. Pilabrite Institute Co. Upg  VelOp. Prilabrite In My. 118  VelOp. AutoContic Seq. M. str. Pilabrite Institute Co. Upg  VelOp. Prilabrite Institute In My. 118  VelOp. AutoContic Seq. M. str. Pilabrite Institute Co. Upg  VelOp. Prilabrite Institute In My. 118  VelOp. AutoContic Seq. M. str. Pilabrite Institute Co. Upg  VelOp. Prilabrite Institute I		
VehDyn_AubContic Sign_M_st_FormerTreesin_mg_u16		
VehDp., AusCorth Spit M_str Timer Thresh_ms_u16		
VebDyn   AutoConticSgo   M. strTimer   The Su   12		8366
VARDIND, AUSCOMTLOSED, M. STETMENT, ITS. US2         4211288931           VARDIND, AUSCOMTLOSED, M. STERMENDER IST. SY, UBL, D. 2         11444-59988           VARDIND, AUSCOMTLOSED, M. ST. RERIHMORER IST. SY, HOBE, BL. SY, UBL, D. 2         11444-59988           VARDIN, AUSCOMTLOSED, M. ST. RERIHMORER IST. SY, HOBE, BL. SY, UBL, D. 2         11444-59988           VARDIN, AUSCOMTLOSED, M. ST. RERIHMORER IST. SY, HOBE, BL. SY, UBL, D. 2         1144-59988           VARDIN, AUSCOMTLOSED, M. ST. RERIHMORER IST. SY, HOBE, BL. SY, UBL, D. 2         1144-59988           VARDIN, AUSCOMTLOSED, M. ST. RERIHMORER IST. SY, HOBE, BL. SY, UBL, D. 2         0           VARDIN, AUSCOMTLOSED, M. ST. FIRECRINISTED, CHUJC         0           VARDIN, PROMEHER, AUSCOMTLOSED, M. ST. SY, UBL, D. 2         401,220001           VARDIN, AUSCOMTLOSED, M. ST. SY, UBL, D. 2         401,220001           VARDIN, AUSCOMTLOSED, M. ST. SY, UBL, D. 2         177,7281982           VARDIN, AUSCOMTLOSED, M. ST. SY, UBL, D. 2         77           VARDIN, D. ST. SYR, MARKER, M. SY, UBL, D. 2         77           VARDIN, AUSCOMTLOSED, M. M. SY, UBL, D. 2 <t< td=""><td></td><td></td></t<>		
Verbiny AutoContiosop   M. price Private   15 Verbing   2754/2000		
VehDyn_AutContisSed M_ST RethrePositiESV_Hubbeg_str_V_Uis_[32]		2760420809
Verbing   AustornicsSord   M. or Rehtwine Fillists V Hubbeg att X   Uis   122		-1144.59998
VenDyn_AusContrisSpd_M_str_RientFeatele_Cnt_lgc	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.50000002e-005
VehDyn, AutOcinic Sppf, M. str Filter Enable, Cnt. Ige	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1144.59998
VerbOyn_AutoCrintLoSpE_M_str_FilterInsialized_Crt_lgc		
VerbDyn_AutOchmtLoSpd_M_str_Fiter_Initialized_Cnt_lige         0           VerbDyn_ForceCenterEnabled_Cnt_Mige         0           VerbDyn_ForceCenterEnabled_Cnt_Mige         0           VerbDyn_ForceCenterCites_HWbeg_M_SQ         401.200011           VerbDyn_ForceCenterCites_HWbeg_M_SQ         1           VerbDyn_ForceCenterCites_HWbeg_M_SQ         0           VerbDyn_Instalize_Cnt_M_ige         0           VerbDyn_MoxOffset_HWbeg_M_SQ         1           VerbDyn_MoxOffset_HWbeg_M_SQ         -777.281892           VerbDyn_MoxOffset_HWbeg_M_SQ         -777.281892           VerbDyn_FinToSW_M_str_K_Us_SQ         0.00042999995           VerbDyn_FinToSW_M_str_K_Us_SQ         0.000429999971           VerbDyn_FinToSW_M_str_K_Us_SQ         0.000429999971           VerbDyn_FinToSW_M_str_K_Us_SQ         0.0000429999971           VerbDyn_FinToSW_M_str_K_Us_SQ         0.00000000           VerbDyn_FinToSW_M_str_K_Us_SQ         0.00000000           VerbDyn_SitHWbqUfflamer_mS_W_u2         0.00000000           VerbDyn_FinToSW_M_str_K_Us_SQ         0.00000000           VerbDyn_SitHWbqUfflamer_mS_W_u2         0.00000000           K_InSpRVDAuthorbity_Us_SQ         0.100000000           K_InSpRVDAuthorbity_Us_SQ         0.1000000000           K_Indext_MADALED_MADALED_MADALEDQ		
VerbDyn_AutoCintLoSped_Na_SF_iller2/Initialized_Cint_N_Igc	VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_ForceCenterEnabled_Crit_M_lgc		
VehDyn_HSpatLearnL_Cnt_M_lgs		
VehDyn_Lispd_camL_Cn_M_lgc		
VehDyn_Instalize_Cnt_M.lgc		
VehDyn_LoSpdLeamL_Cnt_M_igc         1           VehDyn_MaxOffset_HWDeg_M_ig2         908.294006           VehDyn_Minchet_HWDeg_M_ig2         -77.281982           VehDyn_PinTrqSV_M_str.K_Uls_ig2         -7           VehDyn_PinTrqSV_M_str.K_Uls_ig2         0.000429999915           VehDyn_St.PH-Woll, Uls_M_ig2         -7           VehDyn_St.PH-Woll, Uls_M_ig2         481.070007           VehDyn_St.PH-Woll, Uls_ig2         481.070007           VehDyn_St.PH-Woll, Uls_ig2         1.00000001           K_HVTQMgnThd_HwMn_ig3         1.10000002           K_LOSpVDAuthority, Uls_ig2         1           K_Britk-WagVidTithd_imS_us2         2.2999992           K_TraveixCDeadband_Uls_ig32         2.2999992           K_TraveixCH-Wauthority, Uls_ig2         2.14799997           K_TraveixCH-Wauthority, Uls_ig2         1.14799997           K_TraveixCH-Wauthority, Uls_ig2         2.2999992           K_TraveixCH-Wauthority, Uls_ig2         1.14799997           K_TraveixCH-Wauthority, Uls_ig2         1.1682097408           K_TraveixCH-Wauthority, Uls_ig2         1.682097408           K_TraveixCH-Wauthority, Uls_ig2         1.682097408           K_TraveixCH-Wauthority, Uls_ig2         1.182000           K_TraveixCH-Wauthority, Uls_ig2         1.18200		
VehDyn_MaxOffset_HwDeg_M_f32         908.294006           VehDyn_MinOffset_HwDeg_M_f32         -717.281982           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.00042999985           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.00042999985           VehDyn_SLPHwPos_HwDeg_M_f32         481.070007           VehDyn_SLPHwPos_HwDeg_M_f32         481.070007           VehDyn_SHWAgyNdTimer_mS_M_u32         1318564736           K_HSQYDAUMOND, Uls_f32         0.100000001           K_HSQYDAUMOND, Uls_f32         1.10000002           K_LOSpVDAUMOND, Uls_f32         1.0000002           K_SYRKINAtio, MtrDegpHwDeg_f32         25.2999992           K_SYRKINAtio, MtrDegpHwDeg_f32         25.7999992           K_TraveKCDeadand_Uls_f32         0.147699907           K_TraveKCDeadand_Uls_f32         0.147699907           K_TraveKCDeadand_Uls_f32         0.147699907           K_TraveKCDeadand_Uls_f32         0.147699907           Larget_Line_Line_MS_u32_CurrentTime         1662097408           Larget_Ric_Gall_AD_vehDyn_SystemTime_GelsystemTime_mS_u32_CurrentTime         1662097408           Larget_Ric_Inst_AD_vehDyn_VehDyn_Perl_AWbeg_f32         target_VehDyn_Perl_CowEOT_HwDeg_f32           Larget_Ric_Inst_AD_vehDyn_VehDyn_Perl_RehWbeg_f32         target_VehDyn_Perl_More_VeHDyn_Perl_RehWbeg_f32           Larget_Ric_Inst_AD_vehDyn_		
VehDyn_PhTTqSV_M_str.SV_Us_132		
VehDyn_PinTrqSV_M str.SV_Uls_f32         .7           VehDyn_SIPTrqSV_M str.K_Uls_f32         0.000429999985           VehDyn_SIPThwPos_HvDeg_M f32         481.070007           VehDyn_SIPThwPos_HvDeg_M f32         481.070007           VehDyn_SIPThwPos_HvDeg_M f32         1316564736           K_HSpd/Dauthonty_Uls_f32         0.10000001           K_HStrdWagnfrid_HwNin_f32         1.10000002           K_LOSpd/DAuthonty_Uls_f32         1           K_SyskinRatio_MtDegpHwDeg_f32         25.2999992           K_SyskinRatio_MtDegpHwDeg_f32         25.2999992           K_TravetXCHwAuthority_Uls_f32         75.7900012           K_TravetXCHwAuthority_Uls_f32         0.147699997           K_TravetXCHwAuthority_Uls_f32         0.147699997           K_TravetXCHwAuthority_Uls_f32         0.147699997           K_TravetXCHwAuthority_Uls_f32         1.662097408           Larget_GelsystemTime_m_S_u32_ElapsedTime         2836768512           target_Rib_Call_AD_vehDyn_SystemTime_DimmellapsedTime_mS_u32_CurrentTime         1662097408           target_Rib_Call_AD_vehDyn_SystemTime_DimmellapsedTime_mS_u32_CurrentTime         1662097408           target_Rib_Call_AD_vehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         1479685568           target_Rib_Inst_AD_vehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         147964_VehDyn_Per1_WebQp_f32         147964_VehDyn_Per1_		
VehDyn_PinTrqSV_M_str.K_Uls_I32         0.000429999985           VehDyn_SLPHwbush_Uls_M_132         0.742999971           VehDyn_SLPHwbos_HwDeg_M_132         481.07007           VehDyn_SLPHwbos_HwDeg_M_132         1.481.07007           VehDyn_SLPHwbos_HwDeg_M_132         1.316584736           K_HSpdVDAuthonty_Uls_I32         1.10000002           K_LoSpdVDAuthonty_Uls_I32         1.0000002           K_SIHWaQWITTHD_MS_US_2         1.0000002           K_SHWAQWITTHD_MS_US_2         20045           K_TravelXCDeadband_Uls_I32         25.2999992           K_TravelXCDeadband_Uls_I32         3.79700012           K_TravelXCDeadband_Uls_I32         1.014769997           K_TravelXCDeadband_Uls_I32         2.014769997           K_TravelXCDeadband_Uls_I32         3.014769997           K_TravelXCDeadband_Uls_I32         3.014769997           K_TravelXCDeadband_Uls_I32         4.014769997           K_TravelXCDeadband_Uls_I32         4.014769997           K_TravelXCDeadband_Uls_I32         5.79700012           K_TravelXCDeadband_Uls_I32         1.014769997           K_TravelXCDeadband_Uls_I32         1.014769997           K_TravelXCDeadband_Uls_I32         1.014769997           K_TravelXCDeadband_Uls_I32         1.014769997           K_TravelXCDeadba		
VehDyn_SLPHwAuth_Uls_M_f32         0.742999971           VehDyn_SLPHwPos_HwDeg_M_f32         481.070007           VehDyn_SLPHwRog_HTIMEr_mS_M_u32         1316564736           X_HSQVDAuthority_Uls_f32         0.100000001           X_LeSpdVDAuthority_Uls_f32         1.10000002           X_LeSpdVDAuthority_Uls_f32         1           X_SHINABQMITTINd_mS_u32         20045           X_SyskinRatio_MtrDegpHwDeg_f32         25.2999992           X_TravelXCDeadband_Uls_f32         57.9700012           X_TravelXCHwAuthority_Uls_f32         0.147699997           X_TravelXCHwAuthority_Uls_f32         0.147699997           Iarget_DitmnElapsedTime_mS_u32_CurrentTime         1862097408           Iarget_Rie_Call_AD_VehDyn_SystemTime_DutrmcliapsedTime_mS_u32_ElapsedTi         1759888568           Iarget_Rie_Call_AD_VehDyn_SystemTime_DutrmcliapsedTime_mS_u32_CurrentTime         1862097408           Iarget_Rie_Inst_AD_VehDyn_NehDyn_Per1_CowEOT_HwDeg_f32         1876476736           Iarget_Rie_Inst_AD_VehDyn_NehDyn_Per1_CowEOT_HwDeg_f32         1876476736           Iarget_Rie_Inst_AD_VehDyn_NehDyn_Per1_MotorVelCRF_MitrRadpS_f32         1876476740           Iarget_Rie_Inst_AD_VehDyn_NehDyn_Per1_Ribrog_F32         1876476740           Iarget_Rie_Inst_AD_VehDyn_NehDyn_Per1_SirrengeriesseniessAuthority_Uls_f32         18764764760           Iarget_Rie_Inst_AD_Ve	· - ·	
VehDyn_SIHWPos_HwDog_M_f32         481.070007           VehDyn_SiHWAgVidTimer_mS_M_u32         1316664736           K_HSgVDVAburborty_UIs_732         0.100000001           K_LNGTMAGWITTIM_mS_132         1.10000002           K_LOSpVDAuthorty_UIs_732         1           K_SIHWAGWITTIM_mS_U32         20045           K_SHWAGWITTIM_mS_U32         25.2999992           K_TraveIXCHwAUthority_UIs_f32         0.147699907           target_DitmnElapsedTime_mS_u32_ElapsedTime         1602097408           target_DitmnElapsedTime_mS_u32_ElapsedTime         1602097408           target_Re_GetSystemTime_mS_u32_CurrentTime         1602097408           target_Re_Call_AD_vehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         118664736           target_Re_Inst_AD_vehDyn.NehDyn_Per1_CovEOT_HwDeg_132         target_VehDyn_Per1_CovEOT_HwDeg_132           target_Re_Inst_AD_vehDyn.NehDyn_Per1_Mortor(GRF_MtrRadpS_f32         target_VehDyn_Per1_Mortor(ERF_MtrRadpS_f32           target_Re_Inst_AD_vehDyn.NehDyn_Per1_SensoriessAuthority_UIs_f32         target_VehDyn_Per1_Mortor(ERF_MtrRadpS_f32           target_Re_Inst_AD_vehDyn.NehDyn_Per1_SensoriessAuthority_UIs_f32         target_VehDyn_Per1_SensoriessAuthority_UIs_f32           target_Re_Inst_AD_vehDyn.NehDyn_Per1_SensoriessAuthority_UIs_f32         target_VehDyn_Per1_SensoriessAuthority_UIs_f32           target_Re_Inst_AD_vehDyn.NehDyn_Per1_SensoriessAuthority_UIs_f32		
VehDyn_SriHwAgVldTimer_mS_M_u32		
k_HISpdVDAuthority_Uis_f32         0.100000001           k_HMTqMgnThd_HNMT         1.10000002           k_LoSpdVDAuthority_Uis_f32         1           k_SyskinRatio_MtrDeppHwDeg_f32         20045           k_SyskinRatio_MtrDeppHwDeg_f32         25.2999992           k_TraveXDCdeadband_Uis_f32         57.9700012           k_TraveXDCdeadband_Uis_f32         0.14769997           k_TraveXDCHwAuthority_Uis_f32         0.14769997           target_DtmmElapsedTime_mS_u32_ElapsedTime         1662097408           target_RE_Call_Ap_VehDyn_SystemTime_DimmElapsedTime_mS_u32_ElapsedTime         1662097408           target_RE_Call_Ap_VehDyn_SystemTime_CetSystemTime_mS_u32_CurrentTime         1759885568           target_RE_Inst_Ap_VehDyn_SystemTime_OteCSystemTime_mS_u32_CurrentTime         1759885568           target_RE_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_RE_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_RE_Inst_Ap_VehDyn_VehDyn_Per1_MotorVeiCRF_MtrRadpS_f32         target_VehDyn_Per1_HwTorque_HwMm_f32           target_RE_Inst_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uis_f32         target_VehDyn_Per1_SensoriessAuthority_Uis_f32           target_RE_Inst_Ap_VehDyn_VehDyn_Per1_SrithwAgVid_Cnt_lgc         target_VehDyn_Per1_SensoriessAuthority_Uis_f32           target_RE_Inst_Ap_VehDyn_VehDyn_Per1_Srith		
k_HvTqMgnThd_HvNm_f32         1.10000002           k_LoSpdVDAuthority_Uls_f32         1           k_SrlHwAgVIdTTTM_mS_u32         20045           k_SyskinRatio_MtrDegpHvDeg_f32         25.2999992           k_TravelXCDeadband_Uls_f32         57.9700012           k_TravelXCHwAuthority_Uls_f32         0.14769997           target_DtrmElapsedTime_mS_u32_ElapsedTime         2836768512           target_GetSystemTime_mS_u32_CurrentTime         1662097408           target_Rte_Gall_AD_vehDyn_SystemTime_DestynmElapsedTime_mS_u32_ElapsedTime         1759885568           target_Rte_lnst_AD_vehDyn_VehDyn_Per1_CowEOT_HwDeg_f32         target_VehDyn_VehDyn_Per1_CowEOT_HwDeg_f32           target_Rte_lnst_AD_vehDyn.VehDyn_Per1_CowEOT_HwDeg_f32         target_VehDyn_Per1_CowEOT_HwDeg_f32           target_Rte_Inst_AD_vehDyn.VehDyn_Per1_MotorVelCRF_MrRadpS_f32         target_VehDyn_Per1_HwTorque_HwNm_f32           target_Rte_Inst_AD_vehDyn.VehDyn_Per1_MotorVelCRF_MrRadpS_f32         target_VehDyn_Per1_MotorVelCRF_MrRadpS_f32           target_Rte_Inst_AD_vehDyn.VehDyn_Per1_SensoriessAuthority_Uls_f32         target_VehDyn_Per1_Rell+WPos_HwDeg_f32           target_Rte_Inst_AD_vehDyn.VehDyn_Per1_SensoriessAuthority_Uls_f32         target_VehDyn_Per1_SensoriessHwDeg_f32           target_Rte_Inst_AD_vehDyn.VehDyn_Per1_SensoriessHwDes_HwDeg_f32         target_VehDyn_Per1_SensoriessHwDeg_f32           target_Nebly_Dreg_f32_velue         target_VehDyn_Per1_Se	, - · ·	0.100000001
k_SysKinRatio_MtrDegpHwDeg_f32         25.299992           k_TravelXCDeadband_Uls_f32         57.9700012           k_TravelXCHwAuthority_Uls_f32         0.147699997           larget_DtmmElapsedTime_mS_u32_ElapsedTime         2836768512           target_GetSystemTime_mS_u32_CurrentTime         1662097408           target_Re_all_A_VehDyn_SystemTime_DtrmmElapsedTime_mS_u32_CurrentTime         162097408           target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         1316564736           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CowEOT_HwDeg_f32         target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CowEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32         target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32         target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessHwPos_HwDeg_f32         target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessHwPos_HwDeg_f32         target_VehDyn_Per1_SensoriessHwPos_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_Sirl+wagVid_Cnt_Igc         target_VehDyn_Per1_Sirl+wagVid_Cnt_Igc           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_Sirl+wagVid_Cnt_Igc         target_VehDyn_Per1_Sirl+wagVid_Cnt_Igc           target_VehDyn_Per1_CowEOT_HwDeg_f32-value         1371.95996           target_VehDyn_Per1_VehicleSpeed_Kph_f32         tar		1.10000002
k_SysKinRatio_MtrDegpHwDeg_f32	k_LoSpdVDAuthority_UIs_f32	1
k_TravelXCDeadband_Uls_f32         57.9700012           k_TravelXCHwAuthority_Uls_f32         0.147689997           target_DtmmElapsedTime_mS_u32_ElapsedTime         2836768512           target_Rte_Call_Ap_VehDyn_SystemTime_DtmmElapsedTime_mS_u32_ElapsedTime         1662097408           target_Rte_Call_Ap_VehDyn_SystemTime_DetSystemTime_mS_u32_CurrentTime         11316564736           target_Rte_Call_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32         target_VehDyn_Per1_CcwEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32         target_VehDyn_Per1_CcwEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MIRRadpS_f32         target_VehDyn_Per1_MotorVelCRF_MIRRadpS_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uls_f32         target_VehDyn_Per1_RelHwPos_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uls_f32         target_VehDyn_Per1_SensoriessAuthority_Uls_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uls_f32         target_VehDyn_Per1_SensoriessAuthority_Uls_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SitHwAgVId_Cnt_Igc         target_VehDyn_Per1_SensoriessAuthority_Uls_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SitHwAgVId_Cnt_Igc         target_VehDyn_Per1_SensoriessAuthority_Uls_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SitHwAgVId_Cnt_Igc         target_VehDyn_Per1_SensoriessAuthority_Uls_f32           target_VehDyn_Per1_SitHwAgVId_Cnt_Igc         <	k_SrlHwAgVldTiThd_mS_u32	20045
k_TravelXCHwAuthority_Uis_f32  larget_DtrmnElapsedTime_mS_u32_ElapsedTime  2836768512  darget_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi  target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_ElapsedTi  target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime  larget_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_LwHVmr_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uis_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uis_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uis_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SirlHwAgVid_Cnt_Igc  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SirlHwAgVid_Cnt_Igc  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SirlHwAgVid_Cnt_Igc  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SirlHwAgVid_Cnt_Igc  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SirlHwAgVid_Cnt_Igc  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SirlHwAgVid_Cnt_Igc  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SirlHwAgVid_Cnt_Igc  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_NotorVelCRF_MtrRadpS_f32.value  762.070007  target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value  1371.95996  target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value  1371.95996  target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value  1382.value  1144.59998  target_VehDyn_Per1_SirlHwAgVid_Cnt_Igc. value  1445.9998  target_VehDyn_Per1_SirlHwAgVid_Cnt_Igc. value	k_SysKinRatio_MtrDegpHwDeg_f32	25.2999992
target_DtrmnElapsedTime_mS_u32_ElapsedTime	k_TravelXCDeadband_Uls_f32	57.9700012
target_Rte_Call_Ap_VehDyn_SystemTime_mS_u32_CurrentTime  1662097408  1759885568  175988568  175988568  175988568  175988568  175988568  175988568  175988568  175988568  175988568  175988568  175988568  175988568  175988568  175988568  175988568  175988568  175988568  17598656  175988568  175988568  175988568  17598656  175988568  17598656  175988568  17598656  175988568  17598656  17598656  17598656	k_TravelXCHwAuthority_Uls_f32	0.147699997
target_Rte_Call_Ap_VehDyn_SystemTime_DtrnnElapsedTime_mS_u32_ElapsedTitarget_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_LwBog_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_NehDyn_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_NehDyn_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_NehDyn_Per1_SensorlessAuthority_Uls_f32 target_NehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_NehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_NehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_NehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_NehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_NehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_NehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_NehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_NehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_NehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_NehDyn_Per1_SensorlessHwPos_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_NehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_NehDy	target_DtrmnElapsedTime_mS_u32_ElapsedTime	2836768512
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrIHwAgVId_Cnt_Igc target_VehDyn_Per1_SensorlessAuthority_UIs_f32 target_VehDyn_Per1_SensorlessAuthority_UIs_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrIHwAg_HwDeg_f32 target_VehDyn_Per1_SrIHwAgVId_Cnt_Igc target_VehDyn_Per1_SrIHwAgVId_Cnt_Igc target_VehDyn_Per1_SrIHwAg_HwDeg_f32 target_VehDyn_Per1_SrIHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_WehDg_f32_value 762_070007 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32_value 75_5999999 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32_value 7144.59998 target_VehDyn_Per1_SrIHwAgVId_Cnt_Igc_value 7144.59998		
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target_Rte_Inst_Ap_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_Per1_SrlHwAgVId_Cnt_lgc target_Rte_Inst_Ap_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_Sent_VehDyn_Per1_Sent_VehDyn_Per1_Sent_VehDyn_Per1_Sent_VehDyn_Per1_Sent_VehDyn_Per1_Sent_VehDyn_Per1_Sent_VehDyn_Per1_Sent_VehDyn_Per1_Sent_VehDyn_Per1_Sent_VehDyn_Per1_Sent_VehDyn_Per1_Sent_VehDyn_Per1_Sent_VehDyn_Per1_Sent_VehDyn_Per1_Sent_VehDyn_Per1_Sent_VehDyn_Per		
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target_Rte_Inst_Ap_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_SrlHwAg_VehDyn_Per1_SrlHwAg_VehDyn_Per1_SrlHwAg_VehDyn_Per1_SrlHwAg_VehDyn_Per1_SrlHwAg_VehDyn_Per1_SrlHwAg_VehDyn_Per1_SrlHwAg_VehDyn_Per1_SrlHwAg_VehDyn_Per1_SrlHwAg_VehDyn_Per1_SrlHwAg_VehDyn_Per1_SrlHwAg_VehDyn_Per1_SrlHwAg_VehDyn_Per1_SrlHwAg_VehDyn_Per1_SrlHwAg_VehDyn_Per1_SrlHwAg		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_MTorque_HwNm_f32.value target_VehDyn_Per1_MTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_Igc.value 0		
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target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -762.070007 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1371.95996 target_VehDyn_Per1_HwTorque_HwNm_f32.value 7.5999999 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 1023.09998 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -1144.59998 target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value 0		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value       -762.070007         target_VehDyn_Per1_CwEOT_HwDeg_f32.value       1371.95996         target_VehDyn_Per1_HwTorque_HwNm_f32.value       7.5999999         target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value       1023.09998         target_VehDyn_Per1_RelHwPos_HwDeg_f32.value       -1144.59998         target_VehDyn_Per1_SrlHwAgVId_Cnt_igc.value       0		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1371.95996 target_VehDyn_Per1_HwTorque_HwNm_f32.value 7.599999 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 1023.09998 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -1144.59998 target_VehDyn_Per1_SrlHwAgVid_Cnt_igc.value 0		
target_VehDyn_Per1_HwTorque_HwNm_f32.value 7.5999999 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 1023.09998 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -1144.59998 target_VehDyn_Per1_SrlHwAgVid_Cnt_igc.value 0		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 1023.09998 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -1144.59998 target_VehDyn_Per1_SrlHwAgVId_Cnt_lgc.value 0		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -1144.59998 target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value 0		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value 0		
	target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-481.070007





Name	Input Value		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.80000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	56.6599998		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631	4211268631	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809	2760420809	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1144.59998	-1144.59998 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1144.59998	-1144.59998 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>v</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1662097408	1662097408	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809	2760420809	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1144.59998	-1144.59998 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1144.59998	-1144.59998 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631	4211268631	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1144.59998	-1144.59998 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1144.59998	-1144.59998 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1371.95996	1371.95996	~
VehDyn_MinOffset_HwDeg_M_f32	-762.070007	-762.070007	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-6.9935894	-6.9935894 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1316564736	1316564736	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.100000001	0.100000001 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0	0 ± 0.1	<b>✓</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 CheckpointReached	1	<b>~</b>

Test Step 2.113 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	498.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	3.0999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	34188
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	91.0800018
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000872000004
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	91.0800018
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000872000004
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	66
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	18
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.1999998
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	30404
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	30349
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	91.0800018
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000655999989
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	91.0800018
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000303999986
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	66.4000015
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	116.400002
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.3999996
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	54.4000015
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53759
VehDyn_AutoCotrl eSpd_M_str.Timer2Thresh_mS_u16	18715
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835 4290967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	91.0800018
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV_HwDeg_str.K Uls f32	6.52000017e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	91.0800018
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000566000002
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc VehDyn_ForceCenterOffset_HwDeg_M_f32	-301.309998
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	913.286011
VehDyn_MinOffset_HwDeg_M_f32	-710.598022
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1.60000002
VehDyn_PinTrqSV_M_str.K_UIs_f32 VehDyn_SLPHwAuth_UIs_M_f32	0.000430999993
VehDyn_SLPHwPos_HwDeg_M_f32	-470.809998
VehDyn_SrlHwAgVldTimer_mS_M_u32	2075080192
k_HiSpdVDAuthority_Uls_f32	1
k_HwTqMgnThd_HwNm_f32	2.0999999
k_LoSpdVDAuthority_Uls_f32	0
k_SrlHwAgVldTiThd_mS_u32	951
k_SysKinRatio_MtrDegpHwDeg_f32	75.5
k_TravelXCDeadband_Uls_f32	56.9399986 0.148925006
k_TravelXCHwAuthority_Uls_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime	3714197504
target GetSystemTime mS u32 CurrentTime	2075080192
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_ois_132 target_Rte_inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-755.809998 -499.90999
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1366.39099 7.80000010
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	7.8000019 -759
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	91.0800018
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Name	Input Value		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-470.809998		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230.110001		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835	2553156835	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295	4290967295	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	91.0800018	91.0800018 ± 0.00009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	91.0800018	91.0800018 ± 0.00009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2075080192	2075080192	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295	4290967295	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	91.0800018	91.0800018 ± 0.00009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	91.0800018	91.0800018 ± 0.00009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2075080192	2075080192	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295	4290967295	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	91.0800018	91.0800018 ± 0.00009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	91.0800018	91.0800018 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	913.286011	913.286011	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-710.598022	-710.598022	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.59597659	-1.59597659 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2075080192	2075080192	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	392.390015	392.390015 ± 0.1	<b>~</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.114 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	2.5
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	196.5
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.5
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.5
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	39056
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892860
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1576.71997
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000874000019
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1576.71997

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000874000019
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
	l'
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	126.199997
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	176.5
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	53.2000008
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	29076
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	43868
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1576.71997
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000658000004
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1576.71997
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000307999988
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	600.200012
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	84.1999969
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.19999981
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.1999969
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	3658
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	5853
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1576.71997
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.54000032e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1576.71997
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000858000014
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	-201.399994
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn MaxOffset HwDeg M f32	-918.278015
VehDyn_MinOffset_HwDeg_M_f32	-703.914001
VehDyn_PinTrqSV_M_str.SV_UIs_f32	6.30000019
VehDyn PinTrqSV M str.K Uls f32	
	0.000432000001
VehDyn_SLPHwAuth_Uls_M_f32	0.77700001
VehDyn_SLPHwPos_HwDeg_M_f32	-460.549988
VehDyn_SrlHwAgVldTimer_mS_M_u32	954802432
k_HiSpdVDAuthority_Uls_f32	1
k_HwTqMgnThd_HwNm_f32	3.0999999
k_LoSpdVDAuthority_Uls_f32	0
k_SrlHwAgVldTiThd_mS_u32	4856
k_SysKinRatio_MtrDegpHwDeg_f32	86.099985
k TravelXCDeadband Uls f32	55.909998
k TravelXCHwAuthority Uls f32	0.150150001
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2478427648
target_GetSystemTime_mS_u32_CurrentTime	2127166208
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_Elapsed$	
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u332\_CurrentTime$	954802432
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-749.549988
0 _ / _ / _ / _ / _ / _ / _ / _ / _ / _	





- Venbyn_r err			
Name	Input Value		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1360.82202		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	8		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-147.880005		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1576.71997		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-460.549988		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	3.20000005		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	42.4500008		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	✓
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2345892860	2345892860	<b>✓</b>
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	2553156835	2553156835	~
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1576.71997	1576.71997 ± 0.009	~
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1576.71997	1576.71997 ± 0.009	_
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	_
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2127166208	2127166208	<b>✓</b>
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	2967684784	2967684784	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1576.71997	1576.71997 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1576.71997	1576.71997 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	_
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2127166208	2127166208	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784	2967684784	_
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1576.71997	1576.71997 ± 0.009	<b>✓</b>
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1576.71997	1576.71997 ± 0.009	
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	_
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn Initialize Cnt M lgc	1	1	_
VehDyn LoSpdLearnt Cnt M Igc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	-918.278015	-918.278015	_
VehDyn_MinOffset_HwDeg_M_f32	-703.914001	-703.914001	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.30075073	6.30075026 ± 0.000009	~
VehDyn SrlHwAgVldTimer mS M u32	954802432	954802432	<b>✓</b>
target VehDyn Per1 SensorlessAuthority Uls f32.value	0.77700001	0.77700001 ± 0.004	_
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	1116.16992	1116.17004 ± 0.1	<b>✓</b>
0 _			

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.115 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	120.199997
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	206.199997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.19999981
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	56.2000008
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835

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Name  Variory Auto-Controlled M. In Principle (102  VACOVA AUXO-CONTROL		
VARDUM_AMACOMICHESQL_M_SERIALSCUST_NEW_DESC_NE	Name	Input Value
Vestorp, Nutsconfesting M. As Reinherson Str. y Language 197. Vestorp, Nutsconfesting M. As Reinherson Vestoria part V. Us. 102 Vestorp, Nutsconfesting M. As Reinherson Str. y Language 197. Vestorp, Nutsconfesting M. As Reinherson Str. y Language 197. Vestorp, Nutsconfesting M. As Reinherson Str. y Language 197. Vestorp, Nutsconfesting M. As Reinherson Str. y Language 197. Vestorp, Nutsconfesting M. As Reinherson Str. y Language 197. Vestorp, Nutsconfesting M. As Reinherson Str. y Language 197. Vestorp, Nutsconfesting M. As Reinherson Str. y Language 197. Vestorp, Nutsconfesting M. As Reinherson Str. y Language 197. Vestorp, Nutsconfesting M. As Reinherson Str. y Language 197. Vestorp, Nutsconfesting M. As Reinherson Str. y Language 197. Vestorp, Nutsconfesting M. As Reinherson Str. y Language 197. Vestorp, Nutsconfesting M. M. As Reinherson M. Vestorp, Nutsc	VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809
Verbilly, Authorithmic Ref. M. ar Retherboris SV, Harbog, and SV, Har, SSZ Verbilly, Nauconflicted Ref. Mar. Retherboris SV, Harbog, and SV, Harbog Verbilly, Nauconflicted Ref. Mar. Retherboris SV, Harbog, and SV, Harbog, Mar. Retherboris SV, Harbog, Nauconflicted Ref. Mar. Retherboris Cort. Igo Verbilly, Nauconflicted M. Mar. Retherboris Into. J. Mar. Retherboris Verbilly, Nauconflicted M. Mar. Retherboris Into. J. Mar. Retherboris Verbilly, Nauconflicted M. Mar. Retherboris Verbilly, Junconflicted M. Mar. Retherboris Verbilly, Jun	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1347.40002
VanDury AuthOrd DeSign M. or Print Fordination Civilian   VanDury AuthOrd DeSign M. or Print Fordination Civilian   VanDury AuthOrd DeSign M. or Print Fordination Civilian   VanDury AuthOrd DeSign M. or Print Fordination Co. Ligo   1   VanDury AuthOrd DeSign M. or Print Fordination Co. Ligo   1   VanDury AuthOrd DeSign M. or Print Fordination Co. Ligo   1   VanDury AuthOrd DeSign M. or Print Fordination Co. Ligo   1   VanDury AuthOrd DeSign M. or Print Fordination Co. Ligo   10   VanDury AuthOrd DeSign M. or Print Fordination Co. Ligo   10   VanDury AuthOrd DeSign M. or Print Fordination Co. Ligo   10   VanDury AuthOrd DeSign M. or Print Fordination   10   VanDury AuthOrd Design M. or	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000859999971
Verbilly, Author/Cherysia, Marie Fileschier Cort. Igc	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1347.40002
Verbity, AutoCombission, M. Ser Ferricharison, Circ. Igo.  Verbity, AutoCombission, M. Ser Ferricharison, Service Service, Verbity, AutoCombission, M. Se	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000859999971
VerDips, Auchiconitistical, Miss Februinistance Critique VerDips, Auchiconitistical, Miss Februinistance Critique VerDips, Auchiconitistical, Miss Verbips, Miss Central College VerDips, Auchiconitistical, Miss Verbips, Miss Ve	VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VARDIA, NASCOMERSE, M. Jan. Filher Intellized, Cit. Igo.  1 1  VARDIA, NASCOMERSE, M. Jan. Filher Intellized, Cit. Igo.  1 1  VARDIA, NASCOMERSE, M. Jan. VARDIA, M. VER, METASS, 12  VARDIA, NASCOMERSE, M. Jan. VARDIA, M. VER, METASS, 12  VARDIA, NASCOMERSE, M. Jan. VARDIA, M. VER, METASS, 145  VARDIA, NASCOMERSE, M. Jan. Timer Intellized, S. VER, VER, VER, VER, VER, VER, VER, VER,	VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0
VehDyn AusChriftings M. art Web Birthaus S12   186	VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
Verbity, AuscontHighty, M. attribition, M. attribition, M. attribution, M. att		1
Vicibing AutoComMissed, M. att Printer   Water   15	VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	124
VehDyn AutContestSpd M str CHANNOW NEWSER   22   85		186
VenDry AutoCentrissed, M. str. Term Friender, Str. Us. 1922   Section 1.		14.5
VehDyn, AutoContrision   M. str Timer Threet, m.S., U10		
VenDry   Auto-Christop   M. st. Timer   M. Su2	·	
VerbingAusCortHisSolM.st.Timer.l.ms.j.02		
VehDyn_AutConfinished_M_strainer_ms_us2		
VehDyn_AutContrisSpd_M_streetwood=itstSy_Mode_atstSy_Lib_Spd_00000000000000000000000000000000000		
VenDry   AusConfriskog   M. Frailler Frailler Common   1874 (VenDry   1874 (Ven		
VerbDy_AutCrith(Spd_M_Str_RetherPosit(SDV_HoDeg_str_K_Uis_G2   VerbDy_RetherPosit(Spd_M_str_RetherPosit(SDV_HODeg_str_K_Uis_G2   VerbDy_RetherPosit(Spd_M_str_RetherPosit(SDV_HODeg_str_K_Uis_G2   VerbDy_RetherPosit(Spd		
VebDyn, AutoCntrisSpd, M. str Reth*PosFill2Sy, More as K, Uis, E32		
VehDyn, AutoCriteriSpd, M. str Filler Enable, Cnt. lys		
VerbDyn_AutOchtHiSpd_M_str_FillerUnitalized_CnLige		
Verbyn_AutoChritHsSpd_M_str-FilterInialized_Cnt_lgc		
VerbOyn, AutoCritt-Rispd M, str. Mitric MirRadpS_G2         10.39999996           VerbOyn, AutoCritt-CoSpd M, str. MirPal M, MRadpS_G2         64.4000015           VerbOyn, AutoCritt-CoSpd M, str. VerbSpd_kpn_192         64.4000015           VerbOyn, AutoCritt-CoSpd M, str. Timer1 Thresh, mS_U16         29.076           VerbOyn, AutoCritt-CoSpd M, str. Timer1 Thresh, mS_U16         43888           VerbOyn, AutoCritt-CoSpd M, str. Timer1 mS_U12         429.967295           VerbOyn, AutoCritt-CoSpd M, str. Timer1 mS_U22         429.967295           VerbOyn, AutoCritt-CoSpd M, str. RelieMPositistSV HWDeg_str. VUIs_132         1374-40002           VerbOyn, AutoCritt-CoSpd M, str. RelieMPositistSV HWDeg_str. VUIs_132         1347-40002           VerbOyn, AutoCritt-CoSpd M, str. RelieMPositistSV HWDeg_str. VUIs_132         1347-40002           VerbOyn, AutoCritt-CoSpd M, str. RelieMPositistSV HWDeg_str. VUIs_132         1347-40002           VerbOyn, AutoCritt-CoSpd M, str. ReliemPositistSV HWDeg_str. VUIs_132         0.00085999976-005           VerbOyn, AutoCritt-CoSpd M, str. ReliemPositistSV HWDeg_str. VUIs_132         0.000859999971           VerbOyn, AutoCritt-CoSpd M, str. Filter Erable, Crit_Ug         0           VerbOyn, AutoCritt-CoSpd M, str. Filter Timalized Crit_Ug         1           VerbOyn, AutoCritt-CoSpd M, str. Filter Timalized Crit_Ug         1           VerbOyn, AutoCritt-CoSpd M, str. Filter Timalized Crit_Ug <t< td=""><td></td><td></td></t<>		
VerbDyn_AutoCnitLoSpd_M_str_Verbgv_kph_132		
VehDyn_AutoCnitLoSpd_M_str_KithPring_Hwhm_132		
VehDyn_AutoCnitLoSpd_M_str.CnitVindow_Hobe_IS2         4.40000015           VehDyn_AutoCnitLoSpd_M_str.CnitVindow_Hobe_IS2         4.54000015           VehDyn_AutoCnitLoSpd_M_str.Timer1Thresh_mS_u16         29076           VehDyn_AutoCnitLoSpd_M_str.Timer2Thresh_mS_u16         43868           VehDyn_AutoCnitLoSpd_M_str.Telmer4_mS_u32         4294967255           VehDyn_AutoCnitLoSpd_M_str.Telmer4_mS_u32         4294967265           VehDyn_AutoCnitLoSpd_M_str.RelmeVosFitISV_HvDeg_str.K_Uis_IS2         559999756-005           VehDyn_AutoCnitLoSpd_M_str.RelmeVosFitISV_HvDeg_str.K_Uis_IS2         1347.40002           VehDyn_AutoCnitLoSpd_M_str.RelmeVosFitISV_HvDeg_str.K_Uis_IS2         000095999971           VehDyn_AutoCnitLoSpd_M_str.RelmeVosFitISV_HvDeg_str.K_Uis_IS2         100095999971           VehDyn_AutoCnitLoSpd_M_str.Filter1Enable_C on_Uige         1           VehDyn_AutoCnitLoSpd_M_str.Filter2Enable_C nl_Uige         0           VehDyn_AutoCnitLoSpd_M_str.Filter2Intalized_Cnl_Uige         1           VehDyn_AutoCnitLoSpd_M_str.Filter2Intalized_Cnl_Uige         1           VehDyn_AutoCnitLoSpd_M_str.Filter2Intalized_Cnl_Uige         1           VehDyn_ForceCenterEnable_Cnl_Uige         1           VehDyn_ForceCenterEnable_Cnl_Uige         1           VehDyn_ForceCenterEnable_Cnl_Uige         1           VehDyn_ForceCenterEnable_Cnl_Uige         1     <		
VehDyn_AutoCnitLoSpd_M_str.Timer1Thresh_mS_u16	VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	64.4000015
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         29076           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         4294967295           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         3174948758           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         3174948758           VehDyn_AutoCntrLoSpd_M_str.RelHwPoSrittSV_HvDeg_str.Sv_UIs_f32         4374 70002           VehDyn_AutoCntrLoSpd_M_str.RelHwPoSrittSV_HvDeg_str.K_UIs_f32         65899976-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPoSrittSV_HvDeg_str.K_UIS_g2         000085999971           VehDyn_AutoCntrLoSpd_M_str.RelHwPoSrittSV_HvDeg_str.K_UIS_g2         000085999971           VehDyn_AutoCntrLoSpd_M_str.RelHwPoSrittSV_HvDeg_str.K_UIS_g2         0           VehDyn_AutoCntrLoSpd_M_str.RelHwPoSrittSV_HvDeg_str.K_UIS_g2         0           VehDyn_AutoCntrLoSpd_M_str.RelTerLeabele_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.RelTerLeabele_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.RelTerLeabele_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.RelTerLeabele_Cnt_lgc         1           VehDyn_EorceCenterCribsed_Cnt_M_lgc         1           VehDyn_RelTerCenterCrasped_Cnt_M_lgc         1           VehDyn_Indistize_Cnt_M_lgc         1           VehDyn_Indistize_Cnt_M_lgc         1           VehDyn_Indistize_Cnt_M_lgc         1           VehDyn_MinOribet	VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.4000001
VehDyn_AutoCntrLoSpd_M_str.Timerl_mS_u32         429967295           VehDyn_AutoCntrLoSpd_M_str.Timerl_mS_u32         429967295           VehDyn_AutoCntrLoSpd_M_str.Timerl_mS_u32         3174948758           VehDyn_AutoCntrLoSpd_M_str.ReithwoFsifitSV_HwDe_str.Sv_Uis_r32         1347.40002           VehDyn_AutoCntrLoSpd_M_str.ReithwoFsifitSV_HwDe_str.Sv_Uis_r32         1347.40002           VehDyn_AutoCntrLoSpd_M_str.ReithwoFsifitSV_HwDe_str.Sv_Uis_r32         000085999971           VehDyn_AutoCntrLoSpd_M_str.FitterTenable_Cnt_go         1           VehDyn_AutoCntrLoSpd_M_str.FitterZenable_Cnt_go         0           VehDyn_AutoCntrLoSpd_M_str.FitterZenable_Cnt_go         0           VehDyn_AutoCntrLoSpd_M_str.FitterZenable_Cnt_go         1           VehDyn_AutoCntrLoSpd_M_str.FitterZenable_Cnt_go         1           VehDyn_EorceCenterCnterStr.HwDe_g_M 732         11.489998           VehDyn_LoSpd_Learn_Cnt_M_go         1           VehDyn_LoSpd_Learn_Cnt_M_go         1           VehDyn_LoSpd_Learn_Cnt_M_go         1           VehDyn_LoSpd_Learn_Cnt_M_go         1           VehDyn_LoSpd_Learn_Cnt_M_go         1           VehDyn_MaxOffiset_HwDe_g_M 732         49.22908           VehDyn_Min_Str.HwDe_g_M 732         49.72298           VehDyn_StrHwAyUM_M_M_Str.K_UIs_S2         0.79400003           VehDyn_StrHwA	VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	45.4000015
VehDyn_AutoCnttLoSpd_M_str.Timer1_mS_u32         4204967295           VehDyn_AutoCnttLoSpd_M_str.Timer1_mS_u32         3174948758           VehDyn_AutoCnttLoSpd_M_str.Relt+WPoSFIIISV_HwDeg_str.SV_UIs_f32         6.59999975e-0.05           VehDyn_AutoCnttLoSpd_M_str.Relt+WPoSFIIISV_HwDeg_str.SV_UIs_f32         6.59999975e-0.05           VehDyn_AutoCnttLoSpd_M_str.Relt+WPoSFIIISV_HwDeg_str.SV_UIS_f32         0.00085999971           VehDyn_AutoCnttLoSpd_M_str.Filer1Enable_Cnt_Ugc         0           VehDyn_AutoCnttLoSpd_M_str.Filer1Enable_Cnt_Ugc         0           VehDyn_AutoCnttLoSpd_M_str.Filer1Initialized_Cnt_Ugc         0           VehDyn_AutoCnttLoSpd_M_str.Filer2Initialized_Cnt_Ugc         0           VehDyn_AutoCnttLoSpd_M_str.Filer2Initialized_Cnt_Ugc         1           VehDyn_AutoCnttLoSpd_M_str.Filer2Initialized_Cnt_Ugc         1           VehDyn_ForceCenterCnabled_Cnt_M_ligc         1           VehDyn_ForceCenterCnabled_Cnt_M_ligc         1           VehDyn_LoSpdLeamL_Cnt_M_ligc         0           VehDyn_LoSpdLeamL_Cnt_M_ligc         1           VehDyn_MinOffset_HwDeg_M_r32         492.22702           VehDyn_MinOffset_HwDeg_M_r32         497.2998           VehDyn_SiPHrwDeg_HwDeg_M_r32         400.00043000008           VehDyn_SiPHrwDeg_HwDeg_M_r32         450.2900009           VehDyn_SiPHrwDeg_HwDeg_M_r32         450	VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	29076
VehDyn_AutoCnttLoSpd_M_str.Timetz_mS_u32         3174448758           VehDyn_AutoCnttLoSpd_M_str.Reli+MPosFittSV_HWDeg_str.K_Uls_f32         6.55999976-005           VehDyn_AutoCnttLoSpd_M_str.Reli+MPosFittSV_HWDeg_str.K_Uls_f32         1347-40002           VehDyn_AutoCnttLoSpd_M_str.Reli+MPosFittSV_HWDeg_str.K_Uls_f32         0.00859999971           VehDyn_AutoCnttLoSpd_M_str.Fitter1Enable_Cnt_Igc         0           VehDyn_AutoCnttLoSpd_M_str.Fitter1Enable_Cnt_Igc         0           VehDyn_AutoCnttLoSpd_M_str.Fitter1Intallated_Cnt_Igc         0           VehDyn_AutoCnttLoSpd_M_str.Fitter1Intallated_Cnt_Igc         1           VehDyn_AutoCnttLoSpd_M_str.Fitter1Intallated_Cnt_Igc         1           VehDyn_AutoCnttLoSpd_M_str.Fitter1Intallated_Cnt_Igc         1           VehDyn_ForeCenterEnabled_Cnt_M_lgc         1           VehDyn_ForeCenterEnabled_Cnt_M_lgc         1           VehDyn_HiSpdLeamt_Cnt_M_lgc         0           VehDyn_HiSpdLeamt_Cnt_M_lgc         1           VehDyn_MacOffset_HwDeg_M_f32         923.27002           VehDyn_MacOffset_HwDeg_M_f32         497.22988           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.0043300008           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.00043300008           VehDyn_Si-Ph-Wost_HwDeg_M_f32         450.290009           VehDyn_Si-Ph-Wost_HwDeg_M_f32         40999999 <td>VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16</td> <td>43868</td>	VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	43868
VehDyn_AutoCnttLoSpd_M_str. RelHwPosFilttSV_HwDeg_str. XU_s_{32}         635999975e-005           VehDyn_AutoCnttLoSpd_M_str. RelHwPosFiltSV_HwDeg_str. X_Us_{32}         655999975e-005           VehDyn_AutoCnttLoSpd_M_str. RelHwPosFiltSV_HwDeg_str. X_Us_{32}         0.000859999971           VehDyn_AutoCnttLoSpd_M_str. RelHwPosFiltSV_HwDeg_str. K_Uls_{32}         0.000859999971           VehDyn_AutoCnttLoSpd_M_str. RelHwPosFiltSV_HwDeg_str. K_Uls_{32}         0.0           VehDyn_AutoCnttLoSpd_M_str. RilerIntalized_Cnt_lgc         0           VehDyn_AutoCnttLoSpd_M_str. RilerIntalized_Cnt_lgc         1           VehDyn_AutoCnttLoSpd_M_str. RilerIntalized_Cnt_lgc         1           VehDyn_AutoCnttLoSpd_M_str. Riler2Intalized_Cnt_lgc         1           VehDyn_ForceCenterGibset_Cnt_M_lgc         1           VehDyn_ForceCenterGibset_HwDeg_M_f32         -101.489998           VehDyn_Intitalize_Cnt_M_lgc         1           VehDyn_Intitalize_Cnt_M_lgc         1           VehDyn_Intitalize_Cnt_M_lgc         1           VehDyn_MinOffset_HwDeg_M_f32         923.27002           VehDyn_MinOffset_HwDeg_M_f32         497.22988           VehDyn_Sirrity_M_str. X_Uls_f32         0.00433000008           VehDyn_Sirrity_M_str. X_Uls_f32         0.00433000008           VehDyn_Sirrity_M_str. X_Uls_f32         0.00433000004           VehDyn_Sirrity_M_str. X_	VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4294967295
VehDyn_AutoCntLoSpd_M_str.ReliHvPosFittSV_HvDeg_str.K_Uls_f32         6.55999975e-005           VehDyn_AutoCntLoSpd_M_str.ReliHvPosFittSV_HvDeg_str.K_Uls_f32         1347.40002           VehDyn_AutoCntLoSpd_M_str.FilterTenable_Cnt_Igc         1           VehDyn_AutoCntLoSpd_M_str.FilterTenable_Cnt_Igc         0           VehDyn_AutoCntLoSpd_M_str.FilterInitialized_Cnt_Igc         0           VehDyn_AutoCntLoSpd_M_str.FilterInitialized_Cnt_Igc         0           VehDyn_AutoCntLoSpd_M_str.FilterInitialized_Cnt_Igc         1           VehDyn_ForceCenterEnabled_Cnt_M_Igc         1           VehDyn_ForceCenterEnabled_Cnt_M_Igc         1           VehDyn_HiSpdLearn_Cnt_M_Igc         0           VehDyn_HiSpdLearn_Cnt_M_Igc         1           VehDyn_LoSpd_Learn_Cnt_M_Igc         1           VehDyn_LoSpd_Learn_Cnt_M_Igc         1           VehDyn_LoSpd_Learn_Cnt_M_Igc         1           VehDyn_Initialize_Cnt_M_Igc         1           VehDyn_Initialize_Initialized_Cnt_M_Igc         1           VehDyn_Initialize_Initialized_Cnt_M_Igc         1           VehDyn_Initialize_Cnt_M_Igc         1           VehDyn_Initialize_Cnt_M_Igc         1           VehDyn_Initialize_Cnt_M_Igc         1           VehDyn_Initialize_Initialized_Cnt_Igc         0           VehDyn_Initialize_Initia	VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFittSV_HwDeg_str.K_Uls_f32         1347-4002           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFittSV_HwDeg_str.K_Uls_f32         0.00859999971           VehDyn_AutoCntrLoSpd_M_str.FilterTenable_Cnt_Ulg         0           VehDyn_AutoCntrLoSpd_M_str.FilterTenable_Cnt_Ulg         0           VehDyn_AutoCntrLoSpd_M_str.FilterEnable_Cnt_Ulg         0           VehDyn_ForceCenterEnabled_Cnt_M_Ulg         1           VehDyn_ForceCenterEnabled_Cnt_M_Ulg         1           VehDyn_Initialize_Cnt_M_Ulg         1           VehDyn_Initialize_Cnt_M_Ulg         1           VehDyn_Initialize_Cnt_M_Ulg         1           VehDyn_Initialize_Cnt_M_Ulg         1           VehDyn_MinOffset_HwDeg_M_f32         923.27002           VehDyn_MinOffset_HwDeg_M_f32         923.27002           VehDyn_MinOffset_HwDeg_M_f32         993.27002           VehDyn_SirHwAuf_Ulg_M_f32         15.1999998           VehDyn_SirHwAuf_Ulg_M_f32         0.00433000008           VehDyn_SirHwAuf_Ulg_M_f32         0.79400003           VehDyn_SirHwAgVidTimer_mS_M_u32         2728878080           V_HSyn_SirHwAgVidTimer_mS_M_u32         450.290009           VehDyn_SirHwAgVidTimer_mS_M_u32         4.099999           V_LOSpdVDAuthority_Uls_f32         1           V_HYPTAGENERAL_MULG_MULG_GR	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1347.40002
VehDyn_AutoCntrLoSpd_M_str.Reli+wPosFitt2SV_HwDeg_str.K_Uis_f32         0.000859999971           VehDyn_AutoCntrLoSpd_M_str.FilterTenable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.FilterInitialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.FilterInitialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.FilterInitialized_Cnt_lgc         1           VehDyn_ForceCenterCnable_Cnt_M_lgc         1           VehDyn_ForceCenterCnable_Cnt_M_lgc         1           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         923.27002           VehDyn_Morest_HwDeg_M_f32         923.27002           VehDyn_Minrigst_HwDeg_M_f32         923.27002           VehDyn_Minrigst_HwDeg_M_f32         923.27002           VehDyn_Finrigst_M_str.Sv_Uis_f32         15.199998           VehDyn_Finrigst_M_str.Sv_Uis_f32         0.000433000008           VehDyn_ShrlwAgv_Hitmer_mS_M_f32         0.000433000008           VehDyn_ShrlwAgv_Hitmer_mS_M_f32         450.290009           VehDyn_ShrlwAgv_Hitmer_mS_M_f32         0           VehDyn_ShrlwAgv_Hitmer_mS_M_f32         0           VehDyn_ShrlwAgv_Hitmer_mS_M_f32         1           VehDyn_ShrlwAgv_Hitmer_mS_M_f32         1           VehDyn_Shrl	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.55999975e-005
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterGfSet_HwDeg_M_f32         -101.489998           VehDyn_Initialize_Cnt_M_lgc         1           VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         1           VehDyn_Mortin_Cnt_M_lgc         1           VehDyn_LoSpdLeamt_Cnt_M_lgc         1           VehDyn_LoSpdLeamt_Cnt_M_lgc         1           VehDyn_MinOffset_HwDeg_M_f32         923.27002           VehDyn_MinOffset_HwDeg_M_f32         -697.22998           VehDyn_PinTrqSV_M_str_K_UIs_f32         15.1999999           VehDyn_PinTrqSV_M_str_K_UIs_f32         0.000433000008           VehDyn_PinTrqSV_M_str_K_UIS_f32         0.79400003           VehDyn_SLPHwPos_HwDeg_M_f32         450.290009           VehDyn_Str_WoySyltim_Fin_S_M_u32         2728878080           VehDyn_Str_WoySyltim_Fin_S_M_u32         1           VehDyn_Str_WoySyltim_Fin_S_US_Syltim_Fin_S_US_Syltim_Fin_S_US_Syltim_Fin_S_US_Syltim_Fin_S_US_Syltim_Fin_S_US_Syltim_Fin_S_US_Syltim_Fin_S_US_Syltim_Fin_S_US	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1347.40002
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.FilterInitialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.FilterInitialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset_HwDeg_M_f32         -101.488998           VehDyn_HiSpdLeamt_Cnt_M_lgc         0           VehDyn_LoSpdLeamt_Cnt_M_lgc         0           VehDyn_LoSpdLeamt_Cnt_M_lgc         1           VehDyn_MaxOffset_HwDeg_M_f32         923.27002           VehDyn_MinOffset_HwDeg_M_f32         923.27002           VehDyn_Sinter_HwDeg_M_f32         -697.2298           VehDyn_PinTrqSV_M_str.SV_Uls_f32         15.1999998           VehDyn_Sinter_Wall_His_M_f32         0.000433000008           VehDyn_Sinter_Wall_His_M_f32         0.79400003           VehDyn_Sinter_Wall_His_M_f32         450.290009           VehDyn_SinthwAgVidTimer_mS_M_u32         2728878080           K_HispdVDAuthority_Uls_f32         1           K_LoSpdVDAuthority_Uls_f32         1           K_SiftHwAgVidTiThd_mS_u32         90           K_SiftHwAgVidTiThd_mS_u32         56.099985           K_TraveXCDeadband_Uls_f32         56.099985           K_TraveXCDeadband_Uls_f32         10.151374996	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000859999971
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.FilterInitialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.FilterInitialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset_HwDeg_M_f32         -101.489998           VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_LoSpd.earnt_Cnt_M_lgc         0           VehDyn_LoSpd.earnt_Cnt_M_lgc         1           VehDyn_MaxOffset_HwDeg_M_f32         923.27002           VehDyn_MinOffset_HwDeg_M_f32         923.27002           VehDyn_Sixet_HwDeg_M_f32         697.22998           VehDyn_PinTrqSV_M_str.K_Uls_f32         15.1999998           VehDyn_Sixet_HwAuth_Uls_M_f32         0.00433000008           VehDyn_Sixet_HwAuth_Uls_M_f32         0.79400003           VehDyn_Sixet_HwAuth_Uls_M_f32         450.290009           VehDyn_Sixet_HwAuth_Uls_f32         40.290009           VehDyn_Sixet_HwAuth_Uls_f32         1           VehDyn_Sixet_HwAuth_Ils_f32         0           VehDyn_Sixet_HwAuth_Ils_f32         1           VehDyn_Sixet_Ils_f32         0           VehDyn_Sixet_Ils_f32         0           VehDyn_Sixet_Ils_f32         0           VehDyn_Sixet_Ils_f32		1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterCntSet_HwDeg_M_f32         -101.489998           VehDyn_HiSpd_earnt_Cnt_M_lgc         1           VehDyn_Linitialize_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         1           VehDyn_Dept_Linitialize_Cnt_M_lgc         1           VehDyn_Enc_M_sgc         1           VehDyn_MaxOffset_HwDeg_M_f32         923.27002           VehDyn_Minoffset_HwDeg_M_f32         967.22998           VehDyn_Minoffset_HwDeg_M_f32         967.22998           VehDyn_PinTrqSV_M_str_K_Uls_f32         0.000433000008           VehDyn_StrTqsV_M_str_K_Uls_f32         0.000433000008           VehDyn_StPHwAuth_Uls_M_f32         450.290009           VehDyn_StPHwAuth_Uls_M_f32         450.290009           VehDyn_StPHwOg_MIN_f32         0           VehDyn_StPHwOg_MIN_f32         450.290009           VehDyn_StPHwOgle_f32         450.290009           VehDyn_StPHWOgle_f32         0           K_HYdMgnThd_HwNm_f32         0           K_StRiHwagVldTimd_mS_u32         90           K_StRiHwagVldTimd_mS_u32         56.099985		0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset_HwDeg_M_f32         -101.489998           VehDyn_Initialize_Cnt_M_lgc         1           VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_LoSpd_LearnL_Ont_M_lgc         1           VehDyn_MaxOffset_HwDeg_M_f32         923.27002           VehDyn_MinOffset_HwDeg_M_f32         -697.22998           VehDyn_PinTrqSV_M_str.SV_Uls_f32         15.1999998           VehDyn_PinTrqSV_M_str.SV_Uls_f32         0.000433000008           VehDyn_SitHwAghValt_Uls_f32         0.79400003           VehDyn_StPHwAghValtImer_mS_M_u32         450.290009           VehDyn_SitHwAghValtImer_mS_M_u32         2728878080           k_HispdVDAuthority_Uls_f32         0           k_HwTqMgnThd_HwNm_f32         4.0999999           k_LoSpdVDAuthority_Uls_f32         1           k_SyskinRatio_MtrDegpHwDeg_f32         56.0999985           k_TravelXCHwAuthority_Uls_f32         54.8800011           k_TravelXCDeadband_Uls_f32         54.8800011           k_TravelXCDeadband_Uls_f32         54.8800011           k_TravelXCDeadband_Uls_f32         54.8800011           k_TravelXCDeadband_Uls_f32         54.8800011 <td< td=""><td></td><td>0</td></td<>		0
VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset, HwDeg_M_f32         -101.489998           VehDyn_HiSpdLeamt_Cnt_M_lgc         1           VehDyn_LoSpdLeamt_Cnt_M_lgc         0           VehDyn_LoSpdLeamt_Cnt_M_lgc         1           VehDyn_MaxOffset_HwDeg_M_f32         923.27002           VehDyn_Minoffset_HwDeg_M_f32         993.27002           VehDyn_Minoffset_HwDeg_M_f32         15.1999998           VehDyn_PinTrqSV_M_str.K_Uls_f32         15.1999998           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000433000008           VehDyn_StPHwAuth_Uls_M_f32         0.000433000008           VehDyn_StPHwAuth_Uls_M_f32         450.290009           VehDyn_StHWAgvIdTimer_mS_M_u32         2728878080           k_HispdVDAuthority_Uls_f32         0           k_HwTqMgnThd_HwMm_f32         4.0999998           k_LoSpdVDAuthority_Uls_f32         1           k_SysKinRatio_MitDegpHwDeg_f32         56.0999985           k_TravelXCDeadband_Uls_f32         56.0999985           k_TravelXCDeadband_Uls_f32         0.151374996           k_TravelXCDeadband_Uls_f32         0.151374996           k_TravelXCDeadband_Uls_f32         4180236544           k_TravelXCDeadband_Uls_f32         2728878080           k_TravelXCDeadband_Uls_f3		
VehDyn_ForceCenterOffset_HwDeg_M_f32         -101.489998           VehDyn_HiSpdLearnt_Cnt_M_lgc         1           VehDyn_LospdLearnt_Cnt_M_lgc         1           VehDyn_LospdLearnt_Cnt_M_lgc         1           VehDyn_MaxOffset_HwDeg_M_f32         923.27002           VehDyn_MinOffset_HwDeg_M_f32         923.27002           VehDyn_MinOffset_HwDeg_M_f32         -697.22998           VehDyn_PinTrqsV_M_str.SV_Uls_f32         15.1999998           VehDyn_StrBv_M_str.K_Uls_f32         0.000433000008           VehDyn_SLPHwAuth_Uls_M_f32         0.79400003           VehDyn_SLPHwPos_HwDeg_M_f32         450.290009           VehDyn_SriHwAgVidTimer_mS_M_u32         2728878080           VehDyn_StrByn_Mind_HwNm_f32         4.0999999           V_LOSpdVDAuthority_Uls_f32         1           V_LOSpdVDAuthority_Uls_f32         1           V_SysKinRatio_MtrDegpHwDeg_f32         56.099985           K_TravelXCHwAuthority_Uls_f32         56.099985           K_TravelXCHWAuthority_Uls_f32         0.151374996           K_TravelXCHWAuthority_Uls_f32         0.151374996           K_TravelXCHWAuthority_Uls_f32         0.151374996           K_TravelXCHWAUthority_Uls_f32         4243378688           Karget_Ret_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ClapsedTime_target_Ret_Call_Ap_VehDyn		
VehDyn_HispdLearnt_Cnt_M_lgc         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         1           VehDyn_MaxOffset_HwDeg_M_f32         923.27002           VehDyn_MinOffset_HwDeg_M_f32         -697.22998           VehDyn_PinTrqSV_M_str.SV_Uls_f32         15.1999998           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000433000008           VehDyn_SLPHwAuth_Uls_M_f32         0.79400003           VehDyn_StlPHwPos_HwDeg_M_f32         450.290009           VehDyn_SrlHwAgVIdTimer_mS_M_u32         2728878080           k_HispdVDAuthority_Uls_f32         0           k_LoSpdVDAuthority_Uls_f32         4.0999999           k_LoSpdVDAuthority_Uls_f32         1           k_SirlHwAgVIdTITId_mS_u32         90           k_SysKinRatio_MtrDegpHwDeg_f32         56.0999985           k_TraveIXCDeadband_Uls_f32         54.8800011           k_TraveIXCHwAuthority_Uls_f32         0.151374996           target_Rec_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_data_get_Time_data_get_Time_get_SystemTime_ms_u32_CurrentTime_data_get_Time_get_SystemTime_get_SystemTime_su32_CurrentTime_get_VehDyn_Perl_CwEOT_HwDeg_f32         target_VehDyn_Perl_CwEOT_HwDeg_f32         target_VehDyn_Perl_CwEOT_HwDeg_f32         target_VehDyn_Perl_CwEOT_HwDeg_f32         target_VehDyn_Perl_WetOth_Phyn_Perl_CwEOT_HwDeg_f32         target_VehDyn_Perl_HwT		
VehDyn_Initialize_Ont_Migc         0           VehDyn_LospdLeart_Cnt_Migc         1           VehDyn_MaxOffset_HwDeg_M_f32         923.27002           VehDyn_MinOffset_HwDeg_M_f32         697.22998           VehDyn_PinTrqSV_M_str.SV_Uls_f32         15.1999998           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000433000008           VehDyn_SLPHwAouth_Uls_M_f32         0.79400003           VehDyn_SLPHwPos_HwDeg_M_f32         450.290009           VehDyn_StHwAgyIdTimer_mS_M_u32         2728878080           k_HiSpdVDAuthority_Uls_f32         0           k_LospdVDAuthority_Uls_f32         4.0999999           k_LospdVDAuthority_Uls_f32         1           k_SiHlwAgyIdTiThd_mS_u32         90           k_SysKinRatio_MtrDegpHwDeg_f32         56.0999985           k_TraveIXCDeadband_Uls_f32         56.0999985           k_TraveIXCHwAuthority_Uls_f32         56.099986           k_TraveIXCHwAuthority_Uls_f32         0.151374996           k_arget_Rel_Call_Ap_VehDyn_SystemTime_DtmnElapsedTime_ms_u32_ElapsedTime_days9544         4180239544           target_Rel_Call_Ap_VehDyn_SystemTime_DtmnElapsedTime_ms_u32_CurrentTime_days9688         2127166208           target_Rel_Call_Ap_VehDyn_SystemTime_GetSystemTime_ms_u32_CurrentTime_days678         2127166208           target_Rel_Inst_Ap_VehDyn,VehDyn_Per1_CwEOT_HwDeg_f32 <td></td> <td></td>		
VehDyn_LoSpdLearnt_Cnt_M_lgc         1           VehDyn_MaxOffset_HwDeg_M_f32         923.27002           VehDyn_MinOffset_HwDeg_M_f32         -697.22998           VehDyn_PinTrqSV_M_str.SV_UIs_f32         15.199998           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.000433000008           VehDyn_SLPHwAuth_UIs_M_f32         0.79400003           VehDyn_SLPHwPos_HwDeg_M_f32         450.290009           VehDyn_SrithwAgVIdTimer_mS_M_u32         2728878080           k_HiSpdVDAuthority_UIs_f32         0           k_LoSpdVDAuthority_UIs_f32         4.0999999           k_LoSpdVDAuthority_UIs_f32         1           k_SriHwAgVIdTiThd_mS_u32         4.09999995           k_SyskinRatio_MtrDegpHwDeg_f32         56.099985           k_TraveIXCDeadband_UIs_f32         56.0999985           k_TraveIXCHwAuthority_UIs_f32         0.151374996           target_Rel_call_Ap_VehDyn_SystemTime_DimmElapsedTime_mS_u32_ElapsedTime_d18026544         4180236544           target_Rel_call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime_d272         2728878080           target_Rel_inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_HwTorque_HwNm_f32		
VehDyn_MaxOffset_HwDeg_M_f32         923.27002           VehDyn_MinOffset_HwDeg_M_f32         -697.22998           VehDyn_PinTrqSV_M_str.K; Uls_f32         15.199998           VehDyn_PinTrqSV_M_str.K; Uls_f32         0.000433000008           VehDyn_SLPHwAuth_Uls_M_f32         0.79400003           VehDyn_SLPHwPos_HwDeg_M_f32         450.290009           VehDyn_SrlHwAgvIdTimer_mS_M_u32         2728878080           k_HiSpdVDAuthority_Uls_f32         0           k_HwTqMgnThd_HwNm_f32         4.0999999           k_LoSpdVDAuthority_Uls_f32         1           k_SyskinRatio_MtrDegpHwDeg_f32         56.0999985           k_TraveIXCDeadband_Uls_f32         54.8800011           k_TraveIXCHwAuthority_Uls_f32         0.151374996           target_Rec_Call_Ap_VehDyn_SystemTime_BetSystemTime_mS_u32_ElapsedTime         4180236544           target_Rec_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_ElapsedTime         4243378688           target_Rec_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         2127166208           target_Rec_lnst_Ap_VehDyn_VehDyn_Per1_CowEOT_HwDeg_f32         target_VehDyn_Per1_CowEOT_HwDeg_f32           target_Rec_lnst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_LwEOT_HwDeg_f32           target_Rec_lnst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_LwEOT_HwDeg_f32		
VehDyn_MinOffset_HwDeg_M_f32         -697.22998           VehDyn_PinTrqSV_M_str.SV_Uls_f32         15.1999998           VehDyn_SLPHwAuth_Uls_M_f32         0.000433000008           VehDyn_SLPHwAbd_VldTimer_mS_M_32         450.290009           VehDyn_SHHwAgVldTimer_mS_M_u32         2728878080           k_HiSpdVDAuthority_Uls_f32         0           k_LoSpdVDAuthority_Uls_f32         1           k_SchlwAgVldTiThd_mS_u32         4.0999999           k_LoSpdVDAuthority_Uls_f32         1           k_SrkinRatio_MtrDegpHwDeg_f32         56.099985           k_TravelXCHwAuthority_Uls_f32         56.0999985           k_TravelXCHwAuthority_Uls_f32         0.151374996           k_TravelXCHwAuthority_Uls_f32         0.151374996           karget_Ret_Call_Ap_VehDyn_SystemTime_mS_u32_ElapsedTime         4243378688           target_Ret_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_ElapsedTime         4243378688           target_Ret_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         427286208           target_Ret_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Ret_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_HwTorque_HwNm_f32		
VehDyn_PinTrqSV_M_str.SV_Uls_f32         15.1999998           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000433000008           VehDyn_SLPHwAuth_Uls_M_f32         0.79400003           VehDyn_StlPHwPos_HwDeg_M_f32         450.290009           VehDyn_SriHwAgVldTimer_mS_M_u32         2728878080           k_HiSpdVDAuthority_Uls_f32         0           k_HwTqMgnThd_HwNm_f32         4.0999999           k_LoSpdVDAuthority_Uls_f32         1           k_SrlHwAgVldTiThd_mS_u32         90           k_SysKinRatio_MtrDegpHwDeg_f32         56.0999985           k_TravelXCDeadband_Uls_f32         54.8800011           k_TravelXCHwAuthority_Uls_f32         0.151374996           target_DtrmnElapsedTime_mS_u32_ElapsedTime         4180236544           target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTitarget_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTitarget_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         2728878080           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32         target_VehDyn_Per1_CcwEOT_HwDeg_f32         target_VehDyn_Per1_CcwEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32         target_VehDyn_Per1_HwTorque_HwNm_f32		
VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000433000008           VehDyn_SLPHwAuth_Uls_M_f32         0.79400003           VehDyn_SI-PHwPos_HwDeg_M_f32         450.290009           VehDyn_SiHlwAgVldTimer_mS_M_u32         2728878080           k_HiSpdVDAuthority_Uls_f32         0           k_HwTqMgnThd_HwNm_f32         4.0999999           k_LoSpdVDAuthority_Uls_f32         1           k_SrlHwAgVldTiThd_mS_u32         90           k_SysKinRatio_MtrDegpHwDeg_f32         56.0999985           k_TravelXCDeadband_Uls_f32         54.8800011           k_TravelXCHwAuthority_Uls_f32         0.151374996           target_DtrmnElapsedTime_mS_u32_ElapsedTime         4180236544           target_GetSystemTime_mS_u32_CurrentTime         4243378688           target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         2728878080           target_Rte_Inst_Ap_VehDyn_NehDyn_Per1_CowEOT_HwDeg_f32         target_VehDyn_Per1_CowEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CowEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_VehDyn_Per1_HwTorque_HwNm_f32         target_VehDyn_Per1_HwTorque_HwNm_f32		
VehDyn_SLPHwAuth_Uls_M_f32         0.79400003           VehDyn_SLPHwPos_HwDeg_M_f32         -450.290009           VehDyn_SriHwAgVldTimer_mS_M_u32         2728878080           k_HiSpdVDAuthority_Uls_f32         0           k_HwTqMgnThd_HwNm_f32         4.0999999           k_LoSpdVDAuthority_Uls_f32         1           k_SriHwAgVldTiThd_mS_u32         90           k_SysKinRatio_MtrDegpHwDeg_f32         56.0999985           k_TraveIXCDeadband_Uls_f32         54.8800011           k_TraveIXCHwAuthority_Uls_f32         0.151374996           target_DtrmnElapsedTime_mS_u32_ElapsedTime         4180236544           target_Re_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime         4243378688           target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         4243378688           target_Rte_lnst_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         4728878080           target_Rte_lnst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32         target_VehDyn_Per1_CcwEOT_HwDeg_f32           target_Rte_lnst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rte_lnst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32         target_VehDyn_Per1_HwTorque_HwNm_f32		
VehDyn_SLPHwPos_HwDeg_M_f32       -450.290009         VehDyn_SrlHwAgVldTimer_mS_M_u32       2728878080         k_HiSpdVDAuthority_UIs_f32       0         k_HwTqMgnThd_HwNm_f32       4.0999999         k_LoSpdVDAuthority_UIs_f32       1         k_SrlHwAgVldTiThd_mS_u32       90         k_SysKinRatio_MtrDegpHwDeg_f32       56.0999985         k_TravelXCDeadband_UIs_f32       54.8800011         k_TravelXCHwAuthority_UIs_f32       0.151374996         target_DtrmnElapsedTime_mS_u32_ElapsedTime       4180236544         target_GetSystemTime_mS_u32_CurrentTime       4243378688         target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime       2127166208         target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime       2728878080         target_Rte_inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32       target_VehDyn_Per1_CcwEOT_HwDeg_f32         target_Rte_inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32       target_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32       target_VehDyn_Per1_HwTorque_HwNm_f32	· - ·	
VehDyn_SriHwAgVIdTimer_mS_M_u32       2728878080         k_HiSpdVDAuthority_UIs_f32       0         k_LoSpdVDAuthority_UIs_f32       4.0999999         k_LoSpdVDAuthority_UIs_f32       1         k_SriHwAgVIdTiThd_mS_u32       90         k_SysKinRatio_MtrDegpHwDeg_f32       56.0999985         k_TraveIXCDeadband_UIs_f32       54.8800011         k_TraveIXCHwAuthority_UIs_f32       0.151374996         target_DtrmnElapsedTime_mS_u32_ElapsedTime       4180236544         target_GetSystemTime_mS_u32_CurrentTime       4243378688         target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime       2127166208         target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime       2728878080         target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32       target_VehDyn_Per1_CcwEOT_HwDeg_f32         target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32       target_VehDyn_Per1_CwEOT_HwDeg_f32         target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32       target_VehDyn_Per1_HwTorque_HwNm_f32		
k_HiSpdVDAuthority_Uls_f32		
k_HwTqMgnThd_HwNm_f32 k_LoSpdVDAuthority_Uls_f32 k_SrlHwAgVldTiThd_mS_u32 p0 k_SysKinRatio_MtrDegpHwDeg_f32 k_TravelXCDeadband_Uls_f32 ft_TravelXCHwAuthority_Uls_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_LwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32		
k_LoSpdVDAuthority_Uls_f32 k_SrlHwAgVldTiThd_mS_u32 p0 k_SysKinRatio_MtrDegpHwDeg_f32 k_TravelXCDeadband_Uls_f32 bt_TravelXCHwAuthority_Uls_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_lnst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_lnst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_lnst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32	_ '	
k_SrIHwAgVIdTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32 k_TraveIXCDeadband_UIs_f32 54.8800011 k_TraveIXCHwAuthority_UIs_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime 4180236544 target_GetSystemTime_mS_u32_CurrentTime 4243378688 target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime 4243378688 target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 4243378688 target_Rte_Call_Ap_VehDyn_Nobpyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_Nobpyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32		
k_SysKinRatio_MtrDegpHwDeg_f32 56.099985 k_TravelXCDeadband_Uls_f32 54.8800011 k_TravelXCHwAuthority_Uls_f32 0.151374996 target_DtrmnElapsedTime_mS_u32_ElapsedTime 4180236544 target_GetSystemTime_mS_u32_CurrentTime 4243378688 target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTitarget_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 4278878080 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 4278678080 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 4278678080 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 4278678080 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 4278678080 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 4278678080 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 4278678080 target_VehDyn_Per1_CwEOT_HwDeg_f32 4278678080 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 4278678080 target_VehDyn_Per1_HwTorque_HwNm_f32 4278678080 target_VehDyn		1
k_TravelXCDeadband_Uls_f32 54.8800011 k_TravelXCHwAuthority_Uls_f32 0.151374996 target_DtrmnElapsedTime_mS_u32_ElapsedTime 4180236544 target_GetSystemTime_mS_u32_CurrentTime 4243378688 target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTitarget_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 4243378688 target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 4243378688 target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 4243378688 target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 4243378688 target_Rte_Call_Ap_VehDyn_Nobplyn_Per1_CcwEOT_HwDeg_f32 42728878080 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 42728878080 target_VehDyn_Per1_CwEOT_HwDeg_f32 42728878080 target_VehDyn_Per1_LwTorque_HwNm_f32 42728878080	k_SrlHwAgVldTiThd_mS_u32	90
k_TravelXCHwAuthority_Uls_f32	k_SysKinRatio_MtrDegpHwDeg_f32	56.0999985
target_DtrmnElapsedTime_mS_u32_ElapsedTime 4180236544  target_GetSystemTime_mS_u32_CurrentTime 4243378688  target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_CurrentTime 4243378688  2127166208  2728878080  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32  target_VehDyn_Per1_HwTorque_HwNm_f32	k_TravelXCDeadband_Uls_f32	54.8800011
target_GetSystemTime_mS_u32_CurrentTime  target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT  target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime  target_Rte_Inst_Ap_VehDyn_Per1_CcwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32  target_VehDyn_Per1_HwTorque_HwNm_f32  target_VehDyn_Per1_HwTorque_HwNm_f32	k_TravelXCHwAuthority_Uls_f32	0.151374996
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32	target_DtrmnElapsedTime_mS_u32_ElapsedTime	4180236544
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32	target_GetSystemTime_mS_u32_CurrentTime	4243378688
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 2728878080 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_cwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_cwEOT_HwDeg_f32 target_VehDyn_Per1_cwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32		2127166208
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VenDyn.VenDyn_Per1_SensorlessAuthority_Uls_f32 target_VenDyn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_nte_inst_ap_venbyn.venbyn_Pen_Sinnwag_Hwbeg_132	raigat_vairbyii_Fei i_SiiriwAy_riwbey_132





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCr	mdCRF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleS	peedValid_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleS	peed_Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-743.289978		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1355.25305		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	8.19999981		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	88		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1347.40002		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-450.290009		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.4000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	52.9799995		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	·
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4243378688	4243378688	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809	2760420809	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1347.40002	1347.40002 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1347.40002	1347.40002 ± 0.009	·
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322	54822322	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758	3174948758	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1347.40002	1347.40002 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1347.40002	1347.40002 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4294967295	4294967295	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758	3174948758	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1347.40002	1347.40002 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1347.40002	1347.40002 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	·
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1355.25305	1355.25305	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-743.289978	-743.289978	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	15.1969271	15.1969271 ± 0.00009	·
VehDyn_SrlHwAgVldTimer_mS_M_u32	2728878080	2728878080	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	-
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1448.89001	1448.89001 ± 0.1	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.116 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	66.0999985
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	216.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	54.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53759

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18715
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	355.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000861999986
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000861999986
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	456.200012
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	196.199997
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.2000008
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.5
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	40437
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	13059
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	109643620
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	355.5
VehDyn_AutoCntrlliSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000661999977
VehDyn_AutoCntrlHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32	0.000315999991
VehDyn_AutoCntrlHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrl oSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrl_cSpd_M_str.MtrVel_MtrRadpS_f32	56.1199989
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	52.1199989
VehDyn_AutoCntrl_oSpd_M_str.FiltPinTrq_HwNm_f32	16.1200008
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	78.1200027
VehDyn_AutoCntrl_oSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrl_sSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrl_oSpd_M_str.Timer1_mS_u32	255468 3382212733
VehDyn_AutoCotrl_oSpd_M_str.Timer2_mS_u32	355.5
VehDyn_AutoCntrl_oSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1111
VehDyn_AutoCntrl_oSpd_M_str.RelHwPosFilt1SV_HwDog_str.K_Uls_f32	6.579999e-005
VehDyn_AutoCntrl_oSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.5 0.000861999986
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0.000001999900
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	1
7 - 1 - 2	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn ForceCenterEnabled Cnt M lgc	1
VehDyn_ForceCenterErlabled_Cht_M_gc  VehDyn_ForceCenterOffset_HwDeg_M_f32	-1.58000004
VehDyn_HiSpdLearnt_Cnt_M_lgc	-1.36000004
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn MaxOffset HwDeg M f32	-928.262024
VehDyn MinOffset HwDeg M f32	-920.202024 -690.546021
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-690.546021 14
VehDyn PinTrqSV_M_str.SV_UIs_f32  VehDyn PinTrqSV M str.K UIs f32	0.000433999987
VehDyn_SLPHwAuth_Uls_M_f32	0.81099999
VehDyn_SLPHwPos_HwDeg_M_f32	-440.029999
VehDyn_SrlHwAgVldTimer_mS_M_u32	824746752
k HiSpdVDAuthority Uls f32	1
k_HwTqMgnThd_HwNm_f32	5.099999
k_LoSpdVDAuthority_Uls_f32	0
k SrlHwAgVldTiThd mS u32	70
k SysKinRatio MtrDegpHwDeg f32	54.4000015
k_SyskinRatio_MtrDegpHwDeg_132 k_TravelXCDeadband_Uls_f32	53.8499985
k_TraveIXCHwAuthority_Uls_f32	0.152600005
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3368466432
target_GetSystemTime_mS_u32_CurrentTime	1050692864
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 Elapsed	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTim	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVId_Cnt_Igc	target_VehDyn_Per1_SrlHwAg	Vld_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg	_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueC	mdCRF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleS	peedValid_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleS	peed_Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-737.030029		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1349.68396		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	8.39999962		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-75.5500031		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	355.5		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-440.029999		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	128.880005		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784	2967684784	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	355.5	355.5 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.5	355.5 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1050692864	1050692864	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733	3382212733	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	355.5	355.5 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.5	355.5 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1050692864	1050692864	<b>✓</b>
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	3382212733	3382212733	<b>✓</b>
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	355.5	355.5 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.5	355.5 ± 0.0009	~
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt lgc	0	0	<b>✓</b>
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	-
VehDyn HiSpdLearnt Cnt M Igc	0	0	<b>✓</b>
VehDyn Initialize Cnt M Igc	1	1	
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn MaxOffset HwDeg M f32	1349.68396	1349.68396	~
VehDyn MinOffset HwDeg M f32	-737.030029	-737.030029	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	13.9976301	13.9976301 ± 0.00009	
VehDyn_SrlHwAgVldTimer_mS_M_u32	824746752	824746752	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	357.079987	357.079987 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 CheckpointReached	1	_

Test Step 2.117 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime	
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	34.2999992	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	226.300003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.3000002
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	85.300031
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	14442
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	995.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000864000001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	995.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000864000001
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	566
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	206
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	45
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	164464918
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476707
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	995.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000663999992
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	995.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000319999992
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	86.2200012
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	34.2200012
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.2200003
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.2200012
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	40437
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	13059
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	164464918
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	995.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.60000005e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	995.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000864000001
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	98.3300018
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	933.254028
VehDyn_MinOffset_HwDeg_M_f32	-683.862
VehDyn_PinTrqSV_M_str.SV_UIs_f32	8.8999962
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000434999994
VehDyn_SLPHwAuth_Uls_M_f32	0.828000009
VehDyn_SLPHwPos_HwDeg_M_f32	-429.769989
VehDyn_SrlHwAgVldTimer_mS_M_u32	824746752
k_HiSpdVDAuthority_UIs_f32	0
k_HwTqMgnThd_HwNm_f32	6.0999999
k_LoSpdVDAuthority_UIs_f32	1
k_SrlHwAgVIdTiThd_mS_u32	456
k_SysKinRatio_MtrDegpHwDeg_f32	85.4000015
k_TravelXCDeadband_Uls_f32	52.8199997
Is TransalVCI has A rather site. I He 600	0.153825
k_TravelXCHwAuthority_Uls_f32	
target_DtrmnElapsedTime_mS_u32_ElapsedTime	170564352
target_DtrmnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime	170564352 3039943680
target_DtrmnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTi	170564352 3039943680 1050692864
target_DtrmnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	170564352 3039943680 1050692864 824746752
target_DtrmnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	170564352 3039943680 1050692864 824746752 target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_DtrmnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	170564352 3039943680 1050692864 824746752





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_M	trRadpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwD	eg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAutho	rity_Uls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPo	s_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt	_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg	f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF	MtrNm f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedVa	lid_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_K	ph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-730.77002		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1344.11499		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	8.60000038		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	995.5		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-429.769989		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.5		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	139.330002		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	3039943680	3039943680	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682	3796740682	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	995.5	995.5 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	995.5	995.5 ± 0.0009	
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	164464918	164464918	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476707	3589476707	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	995.5	995.5 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	995.5	995.5 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	164464918	164464918	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	995.5	995.5 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	995.5	995.5 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	348.61499	348.61499	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-683.862	-683.862	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	8.89987659	8.89987755 ± 0.000009	<b>✓</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	824746752	824746752	<b>✓</b>
target VehDun Ber1 SensorlessAuthority Ills f32 value	1	1 + 0 004	-

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	-
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte Call VehDyn Per1 CP1 ChecknointReached	1	Rte Call VehDyn Per1 CP1 ChecknointReached	1	_

897.169983

1 ± 0.004

897.169983 ± 0.1

Test Step 2.118 (Repeat Count = 1)	v v
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn

target\_VehDyn\_Per1\_SensorlessAuthority\_Uls\_f32.value

target\_VehDyn\_Per1\_SensorlessHwPos\_HwDeg\_f32.value

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Name	Input Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	2.2999995
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	236.300003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.300002
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.3000031
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21364 52716
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoChtrDetSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000866000017
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-880.02002
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000866000017
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	71
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	216.199997
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.5
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	78.1999969
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000666000007
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	-880.02002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000323999993
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1 0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	75.3000031
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	18.2999992
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.3000002
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32.2999992
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	58929
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.6200002e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-880.02002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000866000017
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	198.240005
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32  VehDyn_MinOffset_HwDeg_M_f32	938.245972 -677.177979
VenDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.8999996
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000436000002
VehDyn SLPHwAuth Uls M f32	0.845000002
VehDyn SLPHwPos HwDeg M f32	-419.51001
VehDyn_SrlHwAgVldTimer_mS_M_u32	309385728
k_HiSpdVDAuthority_Uls_f32	0.30000012
k_HwTqMgnThd_HwNm_f32	7.0999999
k_LoSpdVDAuthority_Uls_f32	0
k_SrlHwAgVldTiThd_mS_u32	3229
k_SysKinRatio_MtrDegpHwDeg_f32	96.5
k_TravelXCDeadband_Uls_f32	51.7900009
k_TravelXCHwAuthority_Uls_f32	0.155049995
target_DtrmnElapsedTime_mS_u32_ElapsedTime	625668608
target_GetSystemTime_mS_u32_CurrentTime	1316564736
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u33_ElapsedTi	3039943680
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	309385728
target_Nte_Call_Ap_venDyn_System*fille_GetSystem*fille_iniS_u32_current*fille	333333.23





Name	Input Value			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwN	lm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_N	/trRadpS_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwD	target_VehDyn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuth	target_VehDyn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwP	os_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVId_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cn	ıt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDe	g_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF	_MtrNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedVa	alid_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_h	(ph_f32		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-724.51001			
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1338.54602			
target_VehDyn_Per1_HwTorque_HwNm_f32.value	8.80000019			
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.549988			
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-880.02002			
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1			
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-419.51001			
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.60000002			
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	0			
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	387.440002			
Name	Actual Value	Expected Value	Result	
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1	1	~	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784	2967684784	•	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758	3174948758	_	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002	-880.02002 ± 0.0009	·	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-880.02002	-880.02002 ± 0.0009		
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1	1	_	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1		
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	_	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0		
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1316564736	1316564736	~	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682	3796740682		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002	-880.02002 ± 0.0009	_	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-880.02002	-880.02002 ± 0.0009		
	0	0	_	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0		
	0	0		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc				
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1316564736	1316564736		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295	4294967295	- V	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002	-880.02002 ± 0.0009		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-880.02002	-880.02002 ± 0.0009	~	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>*</b>	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	· ·	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~	
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~	
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>~</b>	
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>~</b>	
VehDyn_MaxOffset_HwDeg_M_f32	938.245972	938.245972	~	
VehDyn_MinOffset_HwDeg_M_f32	155.51001	155.509995	~	
VehDyn_PinTrqSV_M_str.SV_UIs_f32	13.897769	13.897769 ± 0.00009	<b>~</b>	
VehDyn_SrlHwAgVldTimer_mS_M_u32	309385728	309385728	~	
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~	
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1078.26001	-1078.26001 ± 0.1	<b>✓</b>	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 CheckpointReached	1	_

Test Step 2.119 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime

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Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	120.099998
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	246.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	32.0999985
VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	33198
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1454.77002
VehDyn_AutoChtrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000867999974
	-1454.77002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000867999974
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	10.1999998
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	226.5
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.1999981
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1454.77002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000668000022
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1454.77002
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000327999995
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	98.4000015
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	88.400015
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrg_HwNm_f32	10.3999996
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VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.4000015
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	255468
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1454.77002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.64000036e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1454.77002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000867999974
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	298.149994
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn Initialize Cnt M Igc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn MaxOffset HwDeg M f32	943.237976
VehDyn MinOffset HwDeg M f32	-670.494019
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.80000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00043700001
VenDyn_PirtrigSv_M_sir.k_ois_i32 VehDyn_SLPHwAuth_Uls_M_f32	0.86199989
,	
VehDyn_SLPHwPos_HwDeg_M_f32	-409.25
VehDyn_SrlHwAgVldTimer_mS_M_u32	824746752
k_HiSpdVDAuthority_Uls_f32	0.40000006
k_HwTqMgnThd_HwNm_f32	8.10000038
k_LoSpdVDAuthority_Uls_f32	1
k_SrlHwAgVldTiThd_mS_u32	987
<_SysKinRatio_MtrDegpHwDeg_f32	32.0999985
k_TraveIXCDeadband_Uls_f32	50.7599983
k_TravelXCHwAuthority_Uls_f32	0.156275004





Name	Input Value		
target_GetSystemTime_mS_u32_CurrentTime	2075080192		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg f32	target VehDyn Per1 CwEOT HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target VehDyn Per1 MotorVelCRF MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	· <del>-</del>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_L		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw		
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAgVld Cnt Igc	target VehDyn Per1 SrlHwAgVld Cnt Igc	1509_102	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Ci		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3		
target VehDyn Per1 CcwEOT HwDeg f32.value	-718.25	<del>-</del>	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1332.97705		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	9		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.549988		
target VehDyn Per1 RelHwPos HwDeg f32.value	-1454.77002		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target VehDyn Per1 SrlHwAg HwDeg f32.value	-409.25		
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	4.5999999		
target VehDyn Per1 VehicleSpeedValid Cnt Iqc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	398.850006		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1	1	- Nosuit
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	3174948758	3174948758	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733	3382212733	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1454.77002	-1454.77002 ± 0.009	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1454.77002	-1454.77002 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	-
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2075080192	2075080192	<b>*</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656	4004004656	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1454.77002	-1454.77002 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1454.77002	-1454.77002 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	_
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514	274107514	~
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	255468	255468	_
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1454.77002	-1454.77002 ± 0.009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1454.77002	-1454.77002 ± 0.009	_
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>~</b>
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0	0	
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>~</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	_
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	1332.97705	1332.97705	-
VehDyn_MinOffset_HwDeg_M_f32	-718.25	-718.25	<b>✓</b>
VehDyn PinTrqSV M str.SV Uls f32	7.80058718	7.80058718 ± 0.000009	_
VehDyn SrlHwAgVldTimer mS M u32	824746752	824746752	<b>~</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	_
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	-1600	-1600 ± 0.1	<b>~</b>
0 _ · / _ · _ · _ · · · · · · · · · · · ·			

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	-
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	_



Test Step 2.120 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	0
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.5
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.5
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	42.5
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	49475
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	38708
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	4211268631
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	267.709991
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000869999989
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	267.709991
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000869999989
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	56.5
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	236.199997
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.19999981
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.2000008
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20423
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31368
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	267.709991
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000669999979
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	267.709991
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000331999996
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	66.1999969
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	76.1999969
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.20000005 10.199998
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	328928812
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	267.709991
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	6.65999978e-005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV_HwDeg_str.R_0is_i32	267.709991
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.00086999989
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	398.059998
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	948.22998
VehDyn_MinOffset_HwDeg_M_f32	-663.809998
VehDyn_PinTrqSV_M_str.SV_Uls_f32	3.20000005
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000437999988
VehDyn_SLPHwAuth_Uls_M_f32	0.879000008
VehDyn_SLPHwPos_HwDeg_M_f32	-398.98999
VehDyn_SrlHwAgVldTimer_mS_M_u32	954802432
It LiCod VDA uthority, Lllo 122	
k_HiSpdVDAuthority_Uls_f32	0.5
k_HwTqMgnThd_HwNm_f32	0.5 9.10000038
_ : - : - : :	
k_HwTqMgnThd_HwNm_f32	9.10000038





## 1972-2008	Name	Input Value			
Image, Demindence image and 22 DaysedTime   198734200   19873420		· ·			
tages, Direct Joseph China, m.B., 1922. Eligored Time in 19492422  tages, R.B. Call JA, Verbün, Wisternima, Democratine in 19492422  tages, R.B. Call JA, Verbün, Wisternima, Cell-Systernima, 1932. Elisaerd in 1949, R.D. Call JA, Verbün, Wisternima, Cell-Systernima, 1932. Elisaerd in 1949, R.D. Call JA, Verbün, Wisternima, Cell-Systernima, 1932. Elisaerd in 1949, R.D. Call JA, Verbün, Wisternima, 1949, Call January, 1949, Perl January, 1949, Perl JA, Verbün, Wisternima, 1949, 1					
target_Res_Call_P_Verbing_System Time_Demonstrages Time_me_012_Elepastral 1					
Signate   Rec Cell Ap Verbin SystemTrine   CollysianTrine   Roug   Elizabet   Topic   Rough   Rec   Rough   Verbin   Verbing   Rec   Rough   Verbing   Ver					
tanger, Rev., Caul. Agr., Veribyn, System Timer, Ger6System Timer, Der60 1, 1400g, 252 straper, Rev., Bark. Agr., Veribyn, Veribyn, Pert Love Core 1, 1400g, 252 straper, Rev., Bark. Agr., Veribyn, Veribyn, Pert Love Core 1, 1400g, 252 straper, Rev., Bark. Agr., Veribyn, Veribyn, Pert Love Core 1, 1400g, 252 straper, Rev., Bark. Agr., Veribyn, Veribyn, Pert Love Core 1, 1400g, 252 straper, Rev., Bark. Agr., Veribyn, Veribyn, Pert Love Core 1, 1400g, 252 straper, Rev., Bark. Agr., Veribyn, Veribyn, Pert Love Core 1, 1400g, 252 straper, Rev., Bark. Agr., Veribyn, Veribyn, Pert Sensories Askerba, Hondrag, 252 straper, Rev., Bark. Agr., Veribyn, Veribyn, Pert Sensories Askerba, Hondrag, 252 straper, Rev., Bark. Agr., Veribyn, Veribyn, Pert Sensories Askerba, Hondrag, 252 straper, Rev., Bark. Agr., Veribyn, Veribyn, Pert Sensories Askerba, Hondrag, 252 straper, Rev., Bark. Agr., Veribyn, Veribyn, Pert Sensories Askerba, Hondrag, 252 straper, Rev., Bark. Agr., Veribyn, Veribyn, Pert Sensories Askerba, Hondrag, 252 straper, Rev., Bark. Agr., Veribyn, Veribyn, Pert Sensories Askerba, Hondrag, 252 straper, Rev., Bark. Agr., Veribyn, Veribyn, Pert Sensories Askerba, Hondrag, 252 straper, Rev., Bark. Agr., Veribyn, Veribyn, Pert Sensories Askerba, Hondrag, 252 straper, Rev., Bark. Agr., Veribyn, Veribyn, Pert Sensories Askerba, Hondrag, 252 straper, Rev., Bark., Agr., Veribyn, Veribyn, Pert Sensories Askerba, Hondrag, 252 straper, Rev., Bark., Agr., Veribyn, Veribyn, Pert Sensories Askerba, Hondrag, 252 straper, Rev., Bark., Agr., Veribyn, Veribyn, Pert Sensories Askerba, Hondrag, 252 straper, Rev., Bark., Agr., Veribyn, Veribyn, Pert Sensories Askerba, Hondrag, 252 straper, Rev., Bark., Agr., Veribyn, Veribyn, Pert Sensories Askerba, Hondrag, 252 straper, Rev., Bark., Agr., Veribyn, Veribyn, Pert Sensories Askerba, Hondrag, 252 straper, Rev., Bark., Agr., Veribyn, Veribyn, Pert Sensories Askerba, Hondrag, 252 straper, Rev., Bark., Agr., Veribyn, Veribyn, Veribyn, Pert Sensories Askerba, Hondrag, 252 straper, Rev., Bark.,					
Seging Reg.   Med.   A Velloy (Nethon) Pert   CheCT   Technology   Stateger, Reg.   Reg.   Neth.   A Velloy (Nethon) Pert   Michael (Neth.   Reg.   Seging Reg.   Reg.   Neth.   A Velloy (Neth) Pert   Michael (Neth.   Reg.   Reg.   Reg.   Reg.   Neth.   A Velloy (Neth) Pert   Michael (Neth.   Reg.   Reg.   Reg.   Reg.   Neth.   A Velloy (Neth) Pert   Michael (Neth.   Reg.   Re					
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tager, Ref. Jens, Ap, Verlinyn-Wohlyn, Pert Jednickyn-Kangs, S12 tager, Ref. Inst. Ap, Verlinyn-Wohlyn, Pert Jesnicostawthorty, Uis 12 tager, Ref. Inst. Ap, Verlinyn-Wohlyn, Pert Jesnicostawthorty, Uis 12 tager, Ref. Inst. Ap, Verlinyn-Wohlyn, Pert Jesnicostawthorty, Uis 12 tager, Ref. Inst. Ap, Verlinyn-Wohlyn, Pert Jesnicostawthorty, Uis 12 tager, Ref. Inst. Ap, Verlinyn-Wohlyn, Pert Jesnicostawthorty, Uis 12 tager, Ref. Inst. Ap, Verlinyn-Wohlyn, Pert Jesnicostawthorty, Uis 12 tager, Ref. Inst. Ap, Verlinyn-Wohlyn, Pert Jesnicostawthorty, Uis 12 tager, Ref. Inst. Ap, Verlinyn-Wohlyn, Pert Jesnicostawthorty, Uis 12 tager, Ref. Inst. Ap, Verlinyn-Wohlyn, Pert Jesnicostawthorty, Uis 12 tager, Ref. Inst. Ap, Verlinyn-Wohlyn, Pert Jesnicostawthorty, Uis 12 tager, Ref. Inst. Ap, Verlinyn-Wohlyn, Pert Jesnicostawthorty, Uis 12 tager, Ref. Inst. Ap, Verlinyn-Wohlyn, Pert Jesnicostawthorty, Uis 12 tager, Ref. Inst. Ap, Verlinyn-Wohlyn, Pert Jesnicostawthorty, Uis 12 tager, Ref. Inst. Ap, Verlinyn-Wohlyn, Pert Jesnicostawthorty, Uis 12 tager, Ref. Inst. Ap, Verlinyn-Wohlyn, Pert Jesnicostawthorty, Uis 12 tager, Ref. Inst. Ap, Verlinyn-Wohlyn, Pert Jesnicostawthorty, Uis 12 tager, Ref. Inst. Ap, Verlinyn-Wohlyn, Pert Jesnicostawthorty, Uis 12 tager, Ref. Inst. Ap, Verlinyn-Wohlyn, Pert Jesnicostawthorty, Uis 12 tager, Levillyn, Pert Jesnicostawthorty, Uis 12					
Langer   Refer   Langer   April   Prof.   Refer   Re					
tages Re linst Ap VerDim VerDim Pert SenandressAuthority, Uis 122 tages Re linst Ap VerDim VerDim Pert SenandressAuthority, Uis 122 tages Re linst Ap VerDim VerDim Pert Schrady-VerDim Lengt State tages Re linst Ap VerDim VerDim Pert Schrady-VerDim Lengt State tages Re linst Ap VerDim VerDim Pert Schrady-VerDim Lengt State tages Re linst Ap VerDim VerDim Pert Schrady-VerDim Lengt State tages Re linst Ap VerDim VerDim Pert Schrady-VerDim Lengt State tages Re linst Ap VerDim VerDim Pert Torquic-ConcRFF Jerhim 172 tages Re linst Ap VerDim VerDim Pert VerlaceSpeed VerDim Lengt State tages VerDim Pert VerlaceSpeed VerDim Lengt			· <del>-</del>		
Isage   Ref.   Past   Ast   Verbit					
Integric Reg.   mat. Apt_VerbDyn_VerbDyn_Pert_SithWay_Abor_Cnt_ligo   Integric Reg.   mat. Apt_VerbDyn_VerbDyn_Pert_SithWay_Abor_Cnt_CRE_Minher_12   Integric Reg.   mat. Apt_VerbDyn_VerbDyn_Pert_VerbinsSpeed_Kin_Minher_12   Integric Reg.   mat. Apt_VerbDyn_VerbDyn_Pert_VerbinsSpeed_Kin_Minher_12   Integric Reg.   mat. Apt_VerbDyn_VerbDyn_Pert_VerbinsSpeed_Kin_Minher_12   Integric Reg.   mat. Apt_VerbDyn_VerbDyn_Pert_VerbinsSpeed_Kin_Minher_12   Integric VerbDyn_Pert_CoeECT_Hinher_12   Integric VerbDyn_Pert_CoeECT_Hinher_12   Integric VerbDyn_Pert_CoeECT_Hinher_12   Integric VerbDyn_Pert_NoeECT_Hinher_12   Integric VerbDyn_Pert_NoeECT_Hinher_13   Integric VerbDyn_Pert_NoeECT_Hinher_1			_		
Integer   Rest   Ast, VerDyn VerDyn   Pert   Stiffwag   Naveg   Naveg   Rest   Rest   Rest   Naveg   Rest   Rest			0_		
target Re Inst AD, VehDyn VehDyn, Pert JohnsügsenGründer, Minhing 20         target VehDyn, Pert JohnsügsenGründer, VehDyn Pert JohnsügsenGründer, VehDyn, Pert JohnsügsenGründer, Schauber 1972, VehDyn, Pert JohnsügsenGründer, JohnsügsenGründer, Vehreibunger, Vehrunder, JohnsügsenGründer, JohnsügsenGründer, Vehrunder, JohnsügsenGründer, JohnsügsenGründer, Vehrunder, JohnsügsenGründer, Johnsügse					
Isager, Ref. Inst. Ap. VerDony NeDrob Pert   VerbickSpeed Valle Cnt. Igo   Isaget, VerbDyn, Pert   Contact OT, Hober, Dez Valle   VerbDyn, Pert   Verb   VerbDyn, Pert   Verb   VerbDyn, Pert   Verb			lm f32		
target, Reth, Part, Cay-Forth, Weinburg, Part, VenicleSpeed, Kgh, [32] target, Venibyn, Part, CowEOT, Hubberg, Ed. value 1327/40796 target, Venibyn, Part, Mert CowEOT, Hubberg, Ed. value 1327/40796 1329/140197					
Integret_VerDyn_Pert_CoeEGT_Hybeg_B2_value					
target_VehDyn_Pert_LowEco_PthObe_G_G2_value   1327-40796   1327-4079					
Integral_Verlibyn_Pert_Micro/vorCips_MirRapids_ED_value		1327.40796			
target_VehDyn_Pert_ReithvRep_Hb0eg_R5zvalue					
Isrget_VehDyn_Pert_SrithwAgNd_Cnt_Igs_value   267.709901		-835.109985			
target_VehDyn_Pert_SrithwAg1vd_Cnt_lgx_value arget_VehDyn_Pert_SrithwAg1vd_Cnt_lgx_value arget_VehDyn_Pert_SrithwAg1vd_Cnt_lgx_value arget_VehDyn_Pert_VehicleSpeedvalid_Cnt_lgx_value assert_VehDyn_Pert_VehicleSpeedvalid_Cnt_lgx_value assert_VehDyn_Pert_VehicleSpeedvalid_Cnt_lgx_value  Actual Value  September Speedvalid_Cnt_lgx_value  Actual Value  Expected Value  Result  VehDyn_AllowHiSpd_AutoCntr_Cnt_M_lgc  Actual Value  Expected Value  Result  VehDyn_AutoCntrDelSpd_M_str_Timert_mS_u32  328928812  328928812  328928812  328928812  328928812  328928812  4211288631		267.709991			
larget_VehDyn_Pert_StrikwAg_HwDeg_152_value   2989.89999					
target_VehDyn_Pert_TorqueCmdCRF_Mirkm_f3z value target_VehDyn_Pert_VehicleSpeed_Vipt_Tgz_value  Actual Value  Act		-398.98999			
Integret_VehDyn_Pert_VehicleSpeed_Kpt_32.value					
Name		0			
Name         Actual Value         Expected Value         Result           VehDyn_AllowHiSpdAutoCntr_Cnt_M_igc         1         1         1         1         ✓           VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         328928812         328928812         ✓         ✓           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         4211288631         4211288631         ✓         ✓         ✓         ✓         ✓         VehDyn_AutoCntrDetSpd_M_str.Filler1Enable_Cnt_lgc         267.709991         267.709991 ± 0.0009         ✓         ✓         VehDyn_AutoCntrDetSpd_M_str.Filler1Enable_Cnt_lgc         1         1         1         ✓         ✓         VehDyn_AutoCntrDetSpd_M_str.Filler1Entable_Cnt_lgc         1         1         1         ✓         ✓         VehDyn_AutoCntrDetSpd_M_str.Filler2Enable_Cnt_lgc         0         0         0         ✓         VehDyn_AutoCntrDetSpd_M_str.Filler2Intablezed_Cnt_lgc         0         0         0         ✓         VehDyn_AutoCntrHiSpd_M_str.Filler2_mS_u32         954802432         954802432         ✓         VehDyn_AutoCntrHiSpd_M_str.Filler2_mS_u32         4211288631         4211288631         4211288631         ✓         VehDyn_AutoCntrHiSpd_M_str.Filler2_mS_u32         427709991         267.709991 ± 0.0009         ✓         VehDyn_AutoCntrHiSpd_M_str.Filler4_MemberSitEsV_HWDeg_str.Sv_Uis_f32         267.709991         267.709991 ±	· - / · ·				
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc         1         1         1         1         VeVeNDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         328928B12         3           VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         4211268631         4211268631         4211268631         4211268631         4211268631         4211268631         4211268631         4211268631         4211268631         4211268631         4211268631         4211268631         4211268631         4267.709991 ± 0.0009         4267.709991 ± 0		Actual Value	Expected Value	Result	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         328928812         328928812         vehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         4211268631         4211268631         vehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009         vehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009         vehDyn_AutoCntrDetSpd_M_str.FitterEnable_Cnt.Ugc         1         1         vehDyn_AutoCntrDetSpd_M_str.FitterEnable_Cnt.Ugc         1         1         1         vehDyn_AutoCntrDetSpd_M_str.FitterEnable_Cnt.Ugc         0         0         0         vehDyn_AutoCntrDetSpd_M_str.FitterEnable_Cnt.Ugc         0         0         0         vehDyn_AutoCntrDetSpd_M_str.FitterEnable_Cnt.Ugc         0         0         0         vehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         954802432         954802432         vehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         4211268631         4211268631         4211268631         vehDyn_AutoCntrHiSpd_M_str.FitterEnable_Cnt.Ugc         0         0         0         vehDyn_AutoCntrHiSpd_M_str.FitterEnable_Cnt.Ugc         0         0         0 <td></td> <td></td> <td></td> <td></td>					
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         4211268631         4211268631           VehDyn_AutoCntrDetSpd_M_str.Relt-WPosFittSV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009           VehDyn_AutoCntrDetSpd_M_str.Relt-WposFittSV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009           VehDyn_AutoCntrDetSpd_M_str.Filter1Fainble_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter1Fainble_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter1Initalized_Cnt_lgc         0         0           VehDyn_AutoCntrDetSpd_M_str.Filter1Initalized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         954802432         954802432           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         267.709991         267.709991 ± 0.0009           VehDyn_AutoCntrHiSpd_M_str.Rell-WposFiltSV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0         VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         1         1         1           VehDyn_AutoCntrLispd_M_str.Filter2Enable_Cnt_lgc         1         1				•	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltISV_HwDeg_str.SV_Uls_f32         267.709991         267.709991 ± 0.0009         ✓           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         267.709991         267.709991 ± 0.0009         ✓           VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCntrDetSpd_M_str.Filter2Initalized_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrDetSpd_M_str.Filter2Initalized_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initalized_Cnt_lgc         9         0         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0         267.709991 ± 0.0009         ✓         VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0         ✓         VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0         0         ✓         VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0         0         ✓         VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0         0         ✓         VehDyn_AutoCntrLiSpd_M_str.Filter2Enable_Cnt_lgc         1         1         1         ✓         VehDyn_AutoCntrLiSpd_M_str.Filter2Enable_Cnt_lgc         267.709991         267.709991	, - ,				
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009           VehDyn_AutoCntrDetSpd_M_str.FilterEnable_Cnt_Igc         1         1           VehDyn_AutoCntrDetSpd_M_str.FilterEnable_Cnt_Igc         1         1           VehDyn_AutoCntrDetSpd_M_str.FilterEnable_Cnt_Igc         0         0           VehDyn_AutoCntrDetSpd_M_str.FilterEnable_Cnt_Igc         0         0           VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         954802432         954802432           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         4211268631         4211268631           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt3SV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009           VehDyn_AutoCntrHiSpd_M_str.FilterInitalized_Cnt_Igc         0         0         0           VehDyn_AutoCntrHiSpd_M_str.FilterInitalized_Cnt_Igc         0         0         0           VehDyn_AutoCntrHiSpd_M_str.FilterInitalized_Cnt_Igc         1         1         1           VehDyn_AutoCntrLiSpd_M_str.Timer1_mS_u32         954802432         954802432         954802432           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         4211268631         4211268631         4211268631           VehDyn_AutoCntrL				<b>~</b>	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         1         1         1         VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc         1         1         1         VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0         VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0         VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0         VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0         0         0         VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         267.709991         267.709991 ± 0.0009         VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0         0         0         VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0         VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0         VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0         VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0         VehDyn_AutoCntrLiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1         1         VehDyn_AutoCntrLiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1         VehDyn_AutoCntrLiSpd_M_str.Filter2Initialized_Cnt_lgc         267.709991         267.709991 ± 0.0009         VehDyn_AutoCntrLiSpd_M_str.Filter2Initialized_Cnt_lgc         0<					
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         0         0         0           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         954802432         954802432         954802432           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltISV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009         ✓           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltISV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         267.709991         267.709991 ± 0.0009         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized				<b>✓</b>	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         ✓           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         954802432         954802432         ✓           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         4211268631         4211268631         ✓           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         267.709991         267.709991 ± 0.0009         ✓           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         267.709991         267.709991 ± 0.0009         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrLiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         954802432         954802432         954802432         ✓           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         4211268631         4211268631         ✓         ✓           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32         267.709991         267.709991 ± 0.0009         ✓           VehDyn_AutoCntrLoSpd_M_str.RellevPosFilt1SV_HwDeg_str.SV_Uls_f32         267.709991         267.709991 ± 0.0009         ✓					
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         954802432         954802432           VehDyn_AutoCntrHiSpd_M_str.Rimer2_mS_u32         4211268631         4211268631           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         267.709991         267.709991±0.0009         ✓           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         267.709991         267.709991±0.0009         ✓           VehDyn_AutoCntrHiSpd_M_str.Riller1Enable_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Riller2Enable_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Riller2Initialized_Cnt_lgc         1         1         1         V           VehDyn_AutoCntrLoSpd_M_str.Riller1_mS_u32         954802432         954802432         954802432         V           VehDyn_AutoCntrLoSpd_M_str.Riller2_mS_u32         954802432         954802432         954802432         V           VehDyn_AutoCntrLoSpd_M_str.Riller4_mSpsilltSV_HwDeg_str.SV_UIs_f32         267.709991         267.709991±0.0009         ✓           VehDyn_AutoCntrLoSpd_M_str.Riller2Enable_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrLoSpd_M_str.Riller2Enable_Cnt_lgc         1				<b>✓</b>	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         954802432         954802432         ✓           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         4211268631         4211268631         ✓           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFittISV_HwDeg_str.SV_Uls_f32         267.709991         267.709991 ± 0.0009         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc         0         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc         0         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc         0         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc         1         1         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         954802432         954802432         954802432         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltISV_HwDeg_str.SV_Uls_f32         267.709991         267.709991 ± 0.0009         ✓           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltISV_HwDeg_str.SV_Uls_f32         267.709991         267.709991 ± 0.0009         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc         0         0         0         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc		0	0	~	
VehDyn_AutoCntrHiSpd_M_str. Timer2_mS_u32         4211268631         4211268631           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         4           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         4           VehDyn_AutoCntrLoSpd_M_str.Filter2mS_u32         4211268631         4211268631         4211268631           VehDyn_AutoCntrLoSpd_M_str.Filter1PmS_u5Filt2SV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009         ✓////> VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0         ✓///> VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1         1         1         ✓///> VehDyn_LoSpd_Learn_Cnt_M_lgc         0         0         ✓///> VehDyn_LoSpd_Learn_Cnt_M_lgc         0         0         ✓///> VehDyn_LoSpd_Learn_Cnt_M_lgc         0         0		954802432	954802432	<b>✓</b>	
VehDyn_AutoCntrHISpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt.lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt.lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt.lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt.lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         954802432         954802432           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt.lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt.lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt.lgc         1         1           VehDyn_LoSpd_M_str.Filter2Initialized_Cnt.lgc         1         1           VehDyn_Initialize_Cnt.M_lgc         0         0           VehDyn_Initialize_Cnt.M_lgc         0         0           VehDyn_MinOffset_HwDeg_M_f32 <td></td> <td></td> <td></td> <td>~</td>				~	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         954802432         954802432         954802432         ✓           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         4211268631         4211268631         4211268631         ✓           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0         267.709991 ± 0.0009         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1         ✓           VehDyn_LoSpd_Learnt_Cnt_M_lgc         1         1         1         ✓           VehDyn_LoSpd_Learnt_Cnt_M_lgc         0         0         0         ✓           VehDyn_MinOffse		267.709991	267.709991 ± 0.0009	<b>✓</b>	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         954802432         954802432         ✓           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         4211268631         4211268631         ✓           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc         0         0         0         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc         1         1         1         ✓           VehDyn_HiSpdLearnt_Cnt_M_Igc         0         0         0         ✓		267.709991	267.709991 ± 0.0009	~	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         954802432         954802432         ✓           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         4211268631         4211268631         ✓           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32         267.709991         267.709991 ± 0.0009         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         1         ✓           VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0         0         ✓           VehDyn_HiSpdLearnt_Cnt_M_lgc         1         1         1         ✓		0	0	<b>✓</b>	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         954802432         954802432           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         4211268631         4211268631           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_HispdLeamt_Cnt_M_lgc         0         0           VehDyn_Initialize_Cnt_M_lgc         0         0           VehDyn_LoSpdLeamt_Cnt_M_lgc         0         0           VehDyn_MaxOffset_HwDeg_M_f32         1327.40796         1327.40796           VehDyn_MinOffset_HwDeg_M_f32         711.98999         711.98999 <t< td=""><td></td><td>0</td><td>0</td><td>~</td></t<>		0	0	~	
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         954802432         954802432         ✓           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         4211268631         4211268631         ✓           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009         ✓           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1         ✓           VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0         0         ✓           VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0         0         ✓           VehDyn_MaxOffset_HwDeg_M_f32         1327.40796         1327.40796         ✓           VehDyn_MinOffset_HwDeg_M_f32		0	0	<b>✓</b>	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         954802432         954802432         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         4211268631         4211268631         4211268631         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_UIs_f32         267.709991         267.709991 ± 0.0009         VehDyn_AutoCntrLoSpd_M_str.Fiiter1Enable_Cnt_lgc         0         0         VehDyn_AutoCntrLoSpd_M_str.Fiiter1Enable_Cnt_lgc         0         0         VehDyn_AutoCntrLoSpd_M_str.Fiiter1Initialized_Cnt_lgc         1         1         VehDyn_AutoCntrLoSpd_M_str.Fiiter2Enable_Cnt_lgc         1         1         VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc         1         1         VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc         1         1         VehDyn_HiSpdLearnt_Cnt_M lgc         0         0         VehDyn_HiSpdLearnt_Cnt_M lgc         0         0         VehDyn_LoSpdLearnt_Cnt_M lgc         0         VehDyn_Initialize_Cnt_M lgc         0         0         VehDyn_MaxOffset_HwDeg_M_f32         1327.40796         1327.40796         1327.40796         VehDyn_MinOffset_HwDeg_M_f32         -711.98999         -711.98999         -711.98999         VehDyn_SriHwAgVIdTimer_mS_M_u32         954802432         VehDyn_SriHwAgVIdTimer_mS_M_u32         412.004         VehDyn_Per1_SensorlessAuthority_UIs_f32.value         VehDyn_Per1_SensorlessAuthority_UIs_f32.value <td></td> <td>1</td> <td>1</td> <td>~</td>		1	1	~	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32         267.709991         267.709991 ± 0.0009         ✓           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32         267.709991         267.709991 ± 0.0009         ✓           VehDyn_AutoCntrLoSpd_M_str.Fiiter1Enable_Cnt_lgc         0         0         0           VehDyn_AutoCntrLoSpd_M_str.Fiiter2Enable_Cnt_lgc         1         1         1           VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc         1         1         4           VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc         1         1         4           VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc         1         1         4           VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc         0         0         0           VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc         1         1         4           VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0         0         ✓           VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0         0         ✓           VehDyn_MaxOffset_HwDeg_M_f32         1327.40796         1327.40796         ✓           VehDyn_SinTrqSV_M_str.SV_Uls_f32         3.20256662         3.20256662 ± 0.000009         ✓           VehDyn_SrlHwAgVIdTimer_mS_M_u32         3.20256662	VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	954802432	954802432	<b>✓</b>	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32       267.709991       267.709991 ± 0.0009         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32       267.709991       267.709991 ± 0.0009         VehDyn_AutoCntrLoSpd_M_str.Fitter1Enable_Cnt_lgc       0       0         VehDyn_AutoCntrLoSpd_M_str.Fitter2Enable_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Fitter2Initialized_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Fitter2Initialized_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Fitter2Initialized_Cnt_lgc       1       1         VehDyn_HiSpdLearnt_Cnt_M_lgc       0       0         VehDyn_Initialize_Cnt_M_lgc       1       1         VehDyn_LoSpdLearnt_Cnt_M_lgc       0       0         VehDyn_MaxOffset_HwDeg_M_f32       1327.40796       1327.40796         VehDyn_MinOffset_HwDeg_M_f32       -711.98999       -711.98999         VehDyn_PinTrqSV_M_str.SV_Uls_f32       3.20256662       3.20256662 ± 0.000009         VehDyn_SrlHwAgVIdTimer_mS_M_u32       954802432       954802432         target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value       1       1 ± 0.004	, _ ,			~	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0           VehDyn_Initialize_Cnt_M_lgc         1         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0           VehDyn_MaxOffset_HwDeg_M_f32         1327.40796         1327.40796           VehDyn_MinOffset_HwDeg_M_f32         -711.98999         -711.98999           VehDyn_PinTrqSV_M_str.SV_Uls_f32         3.20256662         3.20256662 ± 0.000009           VehDyn_SrlHwAgVIdTimer_mS_M_u32         954802432         954802432           target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value         1         1 ± 0.004	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991 ± 0.0009	<b>✓</b>	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1       1         VehDyn_HiSpdLearnt_Cnt_M_lgc       0       0         VehDyn_Initialize_Cnt_M_lgc       1       1         VehDyn_LoSpdLearnt_Cnt_M_lgc       0       0         VehDyn_MaxOffset_HwDeg_M_f32       1327.40796       1327.40796         VehDyn_MinOffset_HwDeg_M_f32       -711.98999       -711.98999         VehDyn_PinTrqSV_M_str.SV_Uls_f32       3.20256662       3.20256662 ± 0.000009         VehDyn_SrlHwAgVIdTimer_mS_M_u32       954802432       954802432         target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value       1       1 ± 0.004	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991 ± 0.0009	~	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         ✓           VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0         ✓           VehDyn_LoSpdLearnt_Cnt_M_lgc         1         1         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0         ✓           VehDyn_MaxOffset_HwDeg_M_f32         1327.40796         1327.40796         ✓           VehDyn_MinOffset_HwDeg_M_f32         -711.98999         -711.98999         ✓           VehDyn_PinTrqSV_M_str.SV_Uls_f32         3.20256662         3.20256662 ± 0.000009         ✓           VehDyn_SrlHwAgVldTimer_mS_M_u32         954802432         954802432         ✓           target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value         1         1 ± 0.004         ✓	VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1       1       ✓         VehDyn_HiSpdLearnt_Cnt_M_lgc       0       0       ✓         VehDyn_Initialize_Cnt_M_lgc       1       1       1       ✓         VehDyn_LoSpdLearnt_Cnt_M_lgc       0       0       ✓       ✓         VehDyn_MaxOffset_HwDeg_M_f32       1327.40796       1327.40796       ✓         VehDyn_MinOffset_HwDeg_M_f32       -711.98999       -711.98999       ✓         VehDyn_PinTrqSV_M_str.SV_UIs_f32       3.20256662       3.20256662 ± 0.000009       ✓         VehDyn_SrlHwAgVldTimer_mS_M_u32       954802432       954802432       ✓         target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value       1       1 ± 0.004       ✓	VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~	
VehDyn_HiSpdLearnt_Cnt_M_lgc       0       0         VehDyn_Initialize_Cnt_M_lgc       1       1         VehDyn_LoSpdLearnt_Cnt_M_lgc       0       0         VehDyn_MaxOffset_HwDeg_M_f32       1327.40796       1327.40796         VehDyn_MinOffset_HwDeg_M_f32       -711.98999       -711.98999         VehDyn_PinTrqSV_M_str.SV_Uls_f32       3.20256662       3.20256662 ± 0.000009         VehDyn_SrlHwAgVldTimer_mS_M_u32       954802432       954802432         target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value       1       1 ± 0.004	VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>	
VehDyn_Initialize_Cnt_M_lgc       1       1       ✓         VehDyn_LoSpdLearnt_Cnt_M_lgc       0       0       ✓         VehDyn_MaxOffset_HwDeg_M_f32       1327.40796       1327.40796       ✓         VehDyn_MinOffset_HwDeg_M_f32       -711.98999       -711.98999       ✓         VehDyn_PinTrqSV_M_str.SV_Uls_f32       3.20256662       3.20256662 ± 0.000009       ✓         VehDyn_SrlHwAgVldTimer_mS_M_u32       954802432       954802432       ✓         target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value       1       1 ± 0.004       ✓	VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~	
VehDyn_LoSpdLearnt_Ont_M_lgc       0       0         VehDyn_MaxOffset_HwDeg_M_f32       1327.40796       1327.40796         VehDyn_MinOffset_HwDeg_M_f32       -711.98999       -711.98999         VehDyn_PinTrqSV_M_str.SV_Uls_f32       3.20256662       3.20256662 ± 0.000009         VehDyn_SrlHwAgVldTimer_mS_M_u32       954802432       954802432         target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value       1       1 ± 0.004	VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~	
VehDyn_MaxOffset_HwDeg_M_f32       1327.40796       1327.40796         VehDyn_MinOffset_HwDeg_M_f32       -711.98999       -711.98999         VehDyn_PinTrqSV_M_str.SV_Uls_f32       3.20256662       3.20256662 ± 0.000009         VehDyn_SrlHwAgVldTimer_mS_M_u32       954802432       954802432         target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value       1       1 ± 0.004	VehDyn_Initialize_Cnt_M_lgc	1	1	~	
VehDyn_MaxOffset_HwDeg_M_f32       1327.40796       1327.40796         VehDyn_MinOffset_HwDeg_M_f32       -711.98999       -711.98999         VehDyn_PinTrqSV_M_str.SV_Uls_f32       3.20256662       3.20256662 ± 0.000009         VehDyn_SrlHwAgVldTimer_mS_M_u32       954802432       954802432         target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value       1       1 ± 0.004		0	0	<b>~</b>	
VehDyn_MinOffset_HwDeg_M_f32       -711.98999       -711.98999         VehDyn_PinTrqSV_M_str.SV_Uls_f32       3.20256662       3.20256662 ± 0.000009         VehDyn_SrlHwAgVldTimer_mS_M_u32       954802432       954802432         target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value       1       1 ± 0.004		1327.40796	1327.40796	~	
VehDyn_PinTrqSV_M_str.SV_Uls_f32       3.20256662       3.20256662 ± 0.000009         VehDyn_SrlHwAgVldTimer_mS_M_u32       954802432       954802432         target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value       1       1 ± 0.004		-711.98999	-711.98999	<b>~</b>	
VehDyn_SrlHwAgVldTimer_mS_M_u32         954802432         954802432           target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value         1         1 ± 0.004		3.20256662	3.20256662 ± 0.000009	~	
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value 1 ± 0.004 ✓				<b>~</b>	
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value -130.350006 -130.350006 ± 0.1 ✓		1	1 ± 0.004	~	
	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-130.350006	-130.350006 ± 0.1	~	



Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Fest Step 2.121 (Repeat Count = 1)	Innuit Value
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	700
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	216.100006
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.1000004
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	12.1000004
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43128
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58869
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	383750110
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2160073393
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000872000004
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000872000004
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	246.199997
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.2000008
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	7034
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	39056
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	383750110
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2160073393
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000671999995
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000335999997
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	34.099985
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	86.099985
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	25.1000004
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	20423
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	31368
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	383750110
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2160073393
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.67999993e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000872000004
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_ForceCenterEnabled_Cnt_M_lgc	1
/ehDyn_ForceCenterOffset_HwDeg_M_f32	497.970001
/ehDyn_HiSpdLearnt_Cnt_M_lgc	1
/ehDyn_Initialize_Cnt_M_lgc	1

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Name	Input Value		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	-953.221985		
VehDyn_MinOffset_HwDeg_M_f32	-657.125977		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-5.4000001		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000438999996		
VehDyn_SLPHwAuth_Uls_M_f32	0.896000028		
VehDyn_StHwPos_HwDeg_M_f32	-388.730011 2728878080		
VehDyn_SrlHwAgVldTimer_mS_M_u32 k HiSpdVDAuthority Uls f32	0.200000003		
k_HwTqMgnThd_HwNm_f32	0.119999997		
k LoSpdVDAuthority Uls f32	1		
k SrlHwAqVldTiThd mS u32	32		
k_SysKinRatio_MtrDegpHwDeg_f32	41.5400009		
k TravelXCDeadband Uls f32	48.7000008		
k TravelXCHwAuthority Uls f32	0.158724993		
target DtrmnElapsedTime mS u32 ElapsedTime	4195077888		
target_GetSystemTime_mS_u32_CurrentTime	2728878080		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT	954802432		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	Jls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Ci		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-705.72998		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1321.83899		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	9.39999962		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1100		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-293.049988		
target_VehDyn_Per1_SrlHwAg.HwDeg. f32 value	-388.730011		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.29999995		
target_VehDyn_Per1_10rqueCindCRr_withNin_i3z.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	500.049988		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1	1	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	383750110	383750110	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2160073393	2160073393	j
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	-
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-293.049988	-293.049988 ± 0.0009	
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lqc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt lgc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	-
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2728878080	2728878080	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2160073393	2160073393	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32			
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	-293.049988	-293.049988 ± 0.0009	•
VonDyn_nateonarnopa_in_oa:naterrenasie_ont_ige	-293.049988 0	-293.049988 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc			
	0	0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0 1 1	0 1 1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0 1 1 0	0 1 1 0	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	0 1 1 0 383750110 2160073393 -293.049988	0 1 1 0 383750110 2160073393 -293.049988 ± 0.0009	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0 1 1 0 383750110 2160073393 -293.049988 -293.049988	0 1 1 0 383750110 2160073393 -293.049988 ± 0.0009 -293.049988 ± 0.0009	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0 1 1 0 383750110 2160073393 -293.049988 -293.049988	0 1 1 0 383750110 2160073393 -293.049988 ± 0.0009 -293.049988 ± 0.0009	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0 1 1 0 383750110 2160073393 -293.049988 -293.049988	0 1 1 0 383750110 2160073393 -293.049988 ± 0.0009 -293.049988 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0 1 1 0 383750110 2160073393 -293.049988 -293.049988 1 0	0 1 1 0 383750110 2160073393 -293.049988 ± 0.0009 -293.049988 ± 0.0009 1 0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0 1 1 0 383750110 2160073393 -293.049988 -293.049988 1 0	0 1 1 0 383750110 2160073393 -293.049988 ± 0.0009 -293.049988 ± 0.0009 1 0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	0 1 1 0 383750110 2160073393 -293.049988 -293.049988 1 0	0 1 1 0 383750110 2160073393 -293.049988 ± 0.0009 -293.049988 ± 0.0009 1 0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	0 1 1 0 383750110 2160073393 -293.049988 -293.049988 1 0 0	0 1 1 0 383750110 2160073393 -293.049988 ± 0.0009 -293.049988 ± 0.0009 1 0 0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	0 1 1 0 383750110 2160073393 -293.049988 -293.049988 1 0 0	0 1 1 0 383750110 2160073393 -293.049988 ± 0.0009 -293.049988 ± 0.0009 1 0 0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	0 1 1 0 383750110 2160073393 -293.049988 -293.049988 1 0 0 0 1 1 1 1	0 1 1 0 383750110 2160073393 -293.049988 ± 0.0009 -293.049988 ± 0.0009 1 0 0 1 1 1 1 1	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	0 1 1 0 383750110 2160073393 -293.049988 -293.049988 1 0 0	0 1 1 0 383750110 2160073393 -293.049988 ± 0.0009 -293.049988 ± 0.0009 1 0 0	





Name	Actual Value	Expected Value	Result
VehDyn_SrlHwAgVldTimer_mS_M_u32	2728878080	2728878080	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-791.02002	-791.02002 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.122 (Repeat Count = 1)	
Name Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	182.5
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156.5
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.5
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	53.5299988
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53759
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18715
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-174.199997
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000874000019
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-174.199997
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000874000019
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	75.1999969
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	52.5
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	41.2000008
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	26195
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	22037
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2138628886
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-174.199997
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00067400001
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-174.199997
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000339999999
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	2.20000005
/ehDyn AutoCntrLoSpd M str.VehSpd kph f32	96.1999969
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.19999981
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.1999969
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	7034
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	39056
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
'ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-174.199997
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	6.7000009e-005
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-174.199997
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000874000019
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_ForceCenterEnabled_Cnt_M_lgc	1
/ehDyn_ForceCenterEnabled_Gnt_ivi_igc	597.880005

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Name	Input Value		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	958.213989		
VehDyn_MinOffset_HwDeg_M_f32	-650.442017		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.5999999		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000440000003		
VehDyn_SLPHwAuth_Uls_M_f32	0.912999988		
VehDyn_StPHwPos_HwDeg_M_f32	-378.470001 824746752		
VehDyn_SrlHwAgVldTimer_mS_M_u32 k_HiSpdVDAuthority_Uls_f32	1		
k HwTgMgnThd HwNm f32	5.44999981		
k_LoSpdVDAuthority_Uls_f32	0		
k_SrlHwAgVldTiThd_mS_u32	4891		
k_SysKinRatio_MtrDegpHwDeg_f32	63.5		
k TravelXCDeadband Uls f32	47.6699982		
k_TravelXCHwAuthority_Uls_f32	0.159950003		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2339853824		
target_GetSystemTime_mS_u32_CurrentTime	824746752		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_Elapsed$	2728878080		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	824746752		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadi	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	Deg_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVId_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cn		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-699.469971		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1316.27002 9.60000038		
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.549988		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-174.199997		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-378.470001		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	499.980011		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886	2138628886	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322	54822322	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-174.199997	-174.199997 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-174.199997	-174.199997 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32		004746750	- 4
	824746752	824746752	✓
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	824746752 54822322	54822322	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	54822322 -174.199997	54822322 -174.199997 ± 0.0009	<b>V</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	54822322 -174.199997 -174.199997	54822322 -174.199997 ± 0.0009 -174.199997 ± 0.0009	\ \ \
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	54822322 -174.199997 -174.199997 0	54822322 -174.199997 ± 0.0009 -174.199997 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	54822322 -174.199997 -174.199997 0	54822322 -174.199997 ± 0.0009 -174.199997 ± 0.0009 0	\ \ \
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	54822322 -174.199997 -174.199997 0 0	54822322 -174.199997 ± 0.0009 -174.199997 ± 0.0009 0 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	54822322 -174.199997 -174.199997 0 0	54822322 -174.199997 ± 0.0009 -174.199997 ± 0.0009 0 0	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322 -174.199997 -174.199997 0 0 1 1 824746752	54822322 -174.199997 ± 0.0009 -174.199997 ± 0.0009 0 0 1 1 824746752	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322 -174.199997 -174.199997 0 0 1 1 824746752 54822322	54822322 -174.199997 ± 0.0009 -174.199997 ± 0.0009 0 0 1 824746752 54822322	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	54822322 -174.199997 -174.199997 0 0 1 824746752 54822322 -174.199997	54822322 -174.199997 ± 0.0009 -174.199997 ± 0.0009 0 0 1 824746752 54822322 -174.199997 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	54822322 -174.199997 -174.199997 0 0 1 824746752 54822322 -174.199997 -174.199997	54822322 -174.199997 ± 0.0009 -174.199997 ± 0.0009 0 0 1 824746752 54822322 -174.199997 ± 0.0009 -174.199997 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	54822322 -174.199997 -174.199997 0 0 1 824746752 54822322 -174.199997 -174.199997	54822322 -174.199997 ± 0.0009 -174.199997 ± 0.0009 0 0 1 824746752 54822322 -174.199997 ± 0.0009 -174.199997 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	54822322 -174.199997 -174.199997 0 0 1 824746752 54822322 -174.199997 -174.199997 0	54822322 -174.199997 ± 0.0009 -174.199997 ± 0.0009 0 0 1 824746752 54822322 -174.199997 ± 0.0009 -174.199997 ± 0.0009 0	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	54822322 -174.199997 -174.199997 0 0 1 824746752 54822322 -174.199997 -174.199997 0 1	54822322 -174.199997 ± 0.0009 -174.199997 ± 0.0009 0 0 1 824746752 54822322 -174.199997 ± 0.0009 -174.199997 ± 0.0009 1 1	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	54822322 -174.199997 -174.199997 0 0 1 824746752 54822322 -174.199997 -174.199997 0 1 1	54822322 -174.199997 ± 0.0009 -174.199997 ± 0.0009 0 0 1 824746752 54822322 -174.199997 ± 0.0009 -174.199997 ± 0.0009 1 1	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	54822322 -174.199997 -174.199997 0 0 1 824746752 54822322 -174.199997 -174.199997 0 1	54822322 -174.199997 ± 0.0009 -174.199997 ± 0.0009 0 0 1 824746752 54822322 -174.199997 ± 0.0009 -174.199997 ± 0.0009 1 1	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	54822322 -174.199997 -174.199997 0 0 1 824746752 54822322 -174.199997 0 1 1 1	54822322 -174.199997 ± 0.0009 0 0 0 1 824746752 54822322 -174.199997 ± 0.0009 -174.199997 ± 0.0009 1 1 1	





Name	Actual Value	Expected Value	Result
VehDyn_MinOffset_HwDeg_M_f32	-525.269958	-525.27002	✓
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.60091877	7.60091877 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	824746752	824746752	✓
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-772.080017	-772.080017 ± 0.1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lame	Input Value
trmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
setSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
te Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn AllowHiSpdAutoCntr Cnt M Igc	0
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	202.5
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	0
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.1000038
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.099985
, = , = = = = = = = = = = = = = = = = =	13352
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	14442
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	
hDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892860 1024
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	
	-475.299988
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000875999976
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDog_str.SV_Uls_f32	-475.299988
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000875999976
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	· ·
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	98
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	34.2000008
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	12.5
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	63
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	43190
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3186
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2345892860
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-475.299988
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000676000025
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-475.299988
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000344
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	120.300003
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	106.300003
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.30000019
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	56.2999992
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	25532
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27401
hDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892860
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-475.299988
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.72000024e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-475.299988
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000875999976
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0





Name	Input Value			
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0			
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0			
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1			
VehDyn_ForceCenterOffset_HwDeg_M_f32	697.789978			
VehDyn_HiSpdLearnt_Cnt_M_lgc	1			
VehDyn_Initialize_Cnt_M_lgc	0			
VehDyn_LoSpdLearnt_Cnt_M_lgc	1			
VehDyn_MixOffset_HwDgq_M_f32	-963.205994 -643.757996			
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.5			
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.000441000011			
VehDyn SLPHwAuth Uls M f32	0.930000007			
VehDyn_SLPHwPos_HwDeg_M_f32	-368.209991			
VehDyn_SrlHwAgVldTimer_mS_M_u32	123			
k_HiSpdVDAuthority_UIs_f32	0			
k_HwTqMgnThd_HwNm_f32	6.32000017			
k_LoSpdVDAuthority_Uls_f32	1			
k_SrlHwAgVldTiThd_mS_u32	91986			
k_SysKinRatio_MtrDegpHwDeg_f32	88.0999985			
k_TravelXCDeadband_Uls_f32	46.6399994			
k_TravelXCHwAuthority_UIs_f32	0.161174998			
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3524313344			
target_GetSystemTime_mS_u32_CurrentTime	309385728			
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS_u32\_ElapsedTime\_mS_u32\_ElapsedTime\_mS_u32\_ElapsedTime\_mS_u32\_ElapsedTime\_mS_u33\_Elapsed$	824746752			
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTim$	ne 123			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32	2		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_H	wDeg_t32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mtrl			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_C target_VehDyn_Per1_VehicleSpeed_Kph_f3			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-693.210022	32		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value				
target_VehDyn_Per1_HwTorque_HwNm_f32.value	1310.70105 9.80000019			
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	154	9.80000019		
target VehDyn Per1 RelHwPos HwDeg f32.value	-475.299988			
target VehDyn Per1 SrlHwAgVld Cnt lgc.value	0			
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-368.209991			
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999			
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1			
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	120.050003			
Name	Actual Value			
		Expected Value	Result	
VehDyn AllowHiSpdAutoCntr Cnt M lgc	0	Expected Value	Result	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32		•	Result	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0	0	~	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0 2345892860	0 2345892860		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0 2345892860 309385728	0 2345892860 309385728		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0 2345892860 309385728 -475.299988	0 2345892860 309385728 -475.299988 ± 0.0009	0	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0 2345892860 309385728 -475.299988 -475.299988	0 2345892860 309385728 -475.299988 ± 0.0009 -475.299988 ± 0.0009		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0 2345892860 309385728 -475.299988 -475.299988	0 2345892860 309385728 -475.299988 ± 0.0009 -475.299988 ± 0.0009	0	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0 2345892860 309385728 -475.299988 -475.299988 1	0 2345892860 309385728 -475.299988 ± 0.0009 -475.299988 ± 0.0009 1		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0 2345892860 309385728 -475.299988 -475.299988 1	0 2345892860 309385728 -475.299988 ± 0.0009 -475.299988 ± 0.0009 1		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0 2345892860 309385728 -475.299988 -475.299988 1	0 2345892860 309385728 -475.299988 ± 0.0009 -475.299988 ± 0.0009 1 1		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0 2345892860 309385728 -475.299988 -475.299988 1 1 1 1 2345892860	0 2345892860 309385728 -475.299988 ± 0.0009 -475.299988 ± 0.0009 1 1 1 2345892860		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0 2345892860 309385728 -475.299988 -475.299988 1 1 1 1 2345892860	0 2345892860 309385728 -475.299988 ± 0.0009 -475.299988 ± 0.0009 1 1 1 2345892860 1024		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0 2345892860 309385728 -475.299988 -475.299988 1 1 1 1 2345892860 1024 -475.299988 -475.299988	0 2345892860 309385728 -475.299988 ± 0.0009 -475.299988 ± 0.0009 1 1 1 2345892860 1024 -475.299988 ± 0.0009 -475.299988 ± 0.0009 0		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0 2345892860 309385728 -475.299988 -475.299988 1 1 1 1 2345892860 1024 -475.299988 -475.299988	0 2345892860 309385728 -475.299988 ± 0.0009 -475.299988 ± 0.0009 1 1 1 2345892860 1024 -475.299988 ± 0.0009 -475.299988 ± 0.0009 0 1		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0 2345892860 309385728 -475.299988 -475.299988 1 1 1 1 2345892860 1024 -475.299988 -475.299988 0 1 1	0 2345892860 309385728 -475.299988 ± 0.0009 -475.299988 ± 0.0009 1 1 1 2345892860 1024 -475.299988 ± 0.0009 -475.299988 ± 0.0009 0 1		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0 2345892860 309385728 -475.299988 -475.299988 1 1 1 1 2345892860 1024 -475.299988 -475.299988 0 1 1 1 0	0 2345892860 309385728 -475.299988 ± 0.0009 -475.299988 ± 0.0009 1 1 1 2345892860 1024 -475.299988 ± 0.0009 -475.299988 ± 0.0009 0 1 1 0		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0 2345892860 309385728 -475.299988 -475.299988 1 1 1 1 2345892860 1024 -475.299988 -475.299988 0 1 1 1 0 2345892860	0 2345892860 309385728 -475.299988 ± 0.0009 -475.299988 ± 0.0009 1 1 1 1 2345892860 1024 -475.299988 ± 0.0009 -475.299988 ± 0.0009 0 1 1 0 2345892860		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Sniter2Unitialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0 2345892860 309385728 -475.299988 -475.299988 1 1 1 1 2345892860 1024 -475.299988 0 1 1 0 2345892860 1024	0 2345892860 309385728 -475.299988 ± 0.0009 -475.299988 ± 0.0009 1 1 1 1 2345892860 1024 -475.299988 ± 0.0009 -475.299988 ± 0.0009 0 1 1 0 2345892860 1024		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0 2345892860 309385728 -475.299988 -475.299988 1 1 1 1 2345892860 1024 -475.299988 0 1 1 0 2345892860 1024 -475.299988	0 2345892860 309385728 -475.299988 ± 0.0009 -475.299988 ± 0.0009 1 1 1 1 2345892860 1024 -475.299988 ± 0.0009 0 1 1 0 2345892860 1024 -475.299988 ± 0.0009		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0 2345892860 309385728 -475.299988 -475.299988 1 1 1 1 2345892860 1024 -475.299988 0 1 1 0 2345892860 1024 -475.299988 -475.299988 -475.299988	0 2345892860 309385728 -475.299988 ± 0.0009 -475.299988 ± 0.0009 1 1 1 1 2345892860 1024 -475.299988 ± 0.0009 0 1 1 0 2345892860 1024 -475.299988 ± 0.0009 -475.299988 ± 0.0009		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0 2345892860 309385728 -475.299988 -475.299988 1 1 1 2345892860 1024 -475.299988 0 1 1 1 0 2345892860 1024 -475.299988 0 1 1 1 0 2345892860 1024 -475.299988 -475.299988	0 2345892860 309385728 -475.299988 ± 0.0009 -475.299988 ± 0.0009 1 1 1 1 2345892860 1024 -475.299988 ± 0.0009 0 1 1 0 2345892860 1024 -475.299988 ± 0.0009 -475.299988 ± 0.0009 1 1 1 0 2345892860 1024 -475.299988 ± 0.0009 -475.299988 ± 0.0009		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0 2345892860 309385728 -475.299988 -475.299988 1 1 1 1 2345892860 1024 -475.299988 0 1 1 0 2345892860 1024 -475.299988 -475.299988 -475.299988	0 2345892860 309385728 -475.299988 ± 0.0009 -475.299988 ± 0.0009 1 1 1 1 2345892860 1024 -475.299988 ± 0.0009 0 1 1 0 2345892860 1024 -475.299988 ± 0.0009 -475.299988 ± 0.0009	Result	





Name	Actual Value	Expected Value	Result
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	✓
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	✓
VehDyn_MaxOffset_HwDeg_M_f32	1310.70105	1310.70105	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-693.210022	-693.210022	✓
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.50363731	1.50363731 ± 0.000009	•
VehDyn_SrlHwAgVldTimer_mS_M_u32	123	123	✓
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	<b>✓</b>
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1173.08997	-1173.08997 ± 0.1	✓

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

ame	Input Value
trmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
etSystemTime mS u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
te_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
te_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
te Inst Ap VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
ehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	211.5
ehDyn AutoCntrDetSpd M str.VehSpd kph f32	255
ehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	4.5
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.5
ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	21364
ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	52716
ehDyn AutoCntrDetSpd M str.Timer1 mS u32	2553156835
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-157.490005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000877999992
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-157.490005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.Sv_Uis_i32	0.000877999992
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt lgc	0
ehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	66.1999969
ehDyn AutoCntrHiSpd M str.VehSpd kph f32	18.2000008
enDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	88.5
· - · · · -	30404
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	30349
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-157.490005
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000677999982
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-157.490005
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000348000001
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	66.5
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	116.5
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.5
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	54.5
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53759
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	18715
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-157.490005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.73999966e-005

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VehDyn\_Per1



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Name	Input Value			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-157.490005			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000877999992			
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0			
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1			
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1			
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1			
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0			
VehDyn_ForceCenterOffset_HwDeg_M_f32	797.700012 0			
VehDyn_HiSpdLearnt_Cnt_M_lgc	0			
VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	0			
VehDyn MaxOffset HwDeg M f32	968.197998			
VehDyn MinOffset HwDeg M f32	-637.073975			
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000002			
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00044199999			
VehDyn SLPHwAuth Uls M f32	0.947000027			
VehDyn_SLPHwPos_HwDeg_M_f32	-357.950012			
VehDyn_SrlHwAgVldTimer_mS_M_u32	5477			
k_HiSpdVDAuthority_Uls_f32	0.5			
k_HwTqMgnThd_HwNm_f32	1			
k_LoSpdVDAuthority_Uls_f32	0			
k_SrlHwAgVldTiThd_mS_u32	12			
k_SysKinRatio_MtrDegpHwDeg_f32	75.4000015			
k_TravelXCDeadband_Uls_f32	45.6100006			
k_TraveIXCHwAuthority_Uls_f32	0.162400007			
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2108719104			
target_GetSystemTime_mS_u32_CurrentTime	2659241984			
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u33_ElapsedTi				
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime		<b>700</b>		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessAuthority_Uis_132 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target VehDyn Per1 TorqueCmdCRF	<del>-</del>		
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeedValid Cnt Igc	target_VehDyn_Per1_VehicleSpeedVa			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_K			
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-686.950012			
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1305.13196			
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.10000002			
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.440002			
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-157.490005			
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0			
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-357.950012			
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.9000001			
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0			
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230.039993			
Name	Actual Value	Expected Value		Resul
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1		•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835	2553156835		•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295	4290967295		•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-157.490005	-157.490005 ± 0.0009		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-157.490005	-157.490005 ± 0.0009		•
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1		•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1		
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1		
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0		
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2659241984 4290967295	2659241984 4290967295		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-157.490005	-157.490005 ± 0.0009		
VehDyn_AutoCntrHiSnd_M_str_RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-157.490005	-157.490005 ± 0.0009		

-157.490005

2659241984

4290967295

-157.490005

-157.490005

0

0

0

VehDyn\_AutoCntrLoSpd\_M\_str.Timer2\_mS\_u32

VehDyn\_AutoCntrHiSpd\_M\_str.Filter1Enable\_Cnt\_lgc

VehDyn\_AutoCntrHiSpd\_M\_str.Filter2Enable\_Cnt\_lgc

 $VehDyn\_AutoCntrHiSpd\_M\_str.Filter1Initialized\_Cnt\_lgc$ 

VehDyn\_AutoCntrHiSpd\_M\_str.Filter2Initialized\_Cnt\_lgc VehDyn\_AutoCntrLoSpd\_M\_str.Timer1\_mS\_u32

VehDyn\_AutoCntrHiSpd\_M\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32

 $VehDyn\_AutoCntrLoSpd\_M\_str.RelHwPosFilt1SV\_HwDeg\_str.SV\_Uls\_f32$ 

VehDyn\_AutoCntrLoSpd\_M\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32

-157.490005 ± 0.0009

-157.490005 ± 0.0009

-157.490005 ± 0.0009

0

0

0

2659241984

4290967295





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1305.13196	1305.13196	~
VehDyn_MinOffset_HwDeg_M_f32	-686.950012	-686.950012	<b>~</b>
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1.59980774	-1.59980774 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	5477	5477	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.947000027	0.947000027 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-515.440002	-515.440002 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

est Step 2.125 (Repeat Count = 1)	Input Value
rmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
etSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
e Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime
e Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
e Inst Ap VehDyn	target_Rte_Inst_Ap_VehDyn
e_inst_Ap_venibyii hDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	target_rite_inst_xp_veribyii
hDyn_AllownispaAutoChtt_Citt_wi_gc	2.5
hDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	196.5
	6.5
hDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	86.5
hDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	11.1
hDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034
hDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	39056
hDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892860
hDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1576.71997
hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000874000019
hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1576.71997
hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000874000019
hDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
hDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
hDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
hDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
hDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	126.199997
hDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	176.5
hDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6
hDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	53.2000008
hDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	29076
hDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	43868
hDyn AutoCntrHiSpd M str.Timer1 mS u32	1024
hDyn AutoCntrHiSpd M str.Timer2 mS u32	2967684784
hDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1576.71997
hDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000658000004
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1576.71997
hDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000307999988
hDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	0
hDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	0
hDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	0
hDyn_AutoCntr1iSpd_M_str.Filter2Initialized_Cnt_lgc	1
hDyn_AutoCntr1iSpd_M_str.MtrVel_MtrRadpS_f32	600.200012
hDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	84.1999969
hDyn_AutoCntrLoSpd_M_str.VenSpd_kptn_tsz hDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.19999981
	96.1999969
hDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	
hDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 hDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3658 5853

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	1576.71997 6.54000032e-005		
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1576.71997		
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000858000014		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-201.399994		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	-918.278015		
VehDyn_MinOffset_HwDeg_M_f32	-703.914001		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.30000019		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000432000001		
VehDyn_SLPHwAuth_Uls_M_f32	0.77700001		
VehDyn_SLPHwPos_HwDeg_M_f32	-460.549988		
VehDyn_SrlHwAgVldTimer_mS_M_u32	954802432		
k_HiSpdVDAuthority_UIs_f32	1		
k_HwTqMgnThd_HwNm_f32	3.0999999		
k_LoSpdVDAuthority_UIs_f32			
k_SrlHwAgVIdTiThd_mS_u32	4856 86.0999985		
k_SysKinRatio_MtrDegpHwDeg_f32 k_TravelXCDeadband_Uls_f32	55.9099998		
k_TravelXCHwAuthority_Uls_f32	0.150150001		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2478427648		
target GetSystemTime mS u32 CurrentTime	2127166208		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target VehDyn Per1 CcwEOT HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3:	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	lls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3:	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-749.549988		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1360.82202		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	8		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-147.880005		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1576.71997		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-460.549988 3.20000005		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	42.4500008		
		Expected Value	Dogulé
Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892860	2345892860	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835	2553156835	
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1576.71997	1576.71997 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1576.71997	1576.71997 ± 0.009	Ž
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	-
		2127166208	<b>✓</b>
	2127166208		_
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784	2967684784	~
		2967684784 1576.71997 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784		~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2967684784 1576.71997	1576.71997 ± 0.009	<b>v</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32	2967684784 1576.71997 1576.71997	1576.71997 ± 0.009 1576.71997 ± 0.009	<b>v</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	2967684784 1576.71997 1576.71997 0	1576.71997 ± 0.009 1576.71997 ± 0.009 0	~



Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2127166208	2127166208	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784	2967684784	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1576.71997	1576.71997 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1576.71997	1576.71997 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	-918.278015	-918.278015	~
VehDyn_MinOffset_HwDeg_M_f32	-703.914001	-703.914001	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.30075073	6.30075026 ± 0.000009	<b>~</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	954802432	954802432	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.77700001	0.77700001 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1116.16992	1116.17004 ± 0.1	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	-
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lame	Input Value
OtrmnElapsedTime mS u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime
Rte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
/ehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	9.5
/ehDyn AutoCntrDetSpd M str.VehSpd kph f32	146.5
'ehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	0
ehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	78.5
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21335
/ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	34188
'ehDyn AutoCntrDetSpd M str.Timer1 mS u32	2967684784
ehDyn AutoCntrDetSpd M str.Timer2 mS u32	2138628886
'ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	969.01001
ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000882000022
ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	969.01001
ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000882000022
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	2.20000005
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	76.5
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	97.1999969
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	16683
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	22497
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	969.01001
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000682000013
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	969.01001
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000356000004
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	2.70000005
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	136.699997

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Manus	Innut Value		
Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.6999998		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.6999969		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21364		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52716		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	969.01001		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.77999997e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	969.01001		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000882000022		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	997.52002		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	978		
VehDyn_MinOffset_HwDeg_M_f32	-623		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.80000019		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000444000005		
VehDyn SLPHwAuth Uls M f32	0.981000006		
VehDyn SLPHwPos HwDeg M f32	-337.429993		
VehDyn SrlHwAgVldTimer mS M u32	1262472576		
k HiSpdVDAuthority UIs f32	0.800000012		
_ : := -	9.19999981		
k_HwTqMgnThd_HwNm_f32	0		
k_LoSpdVDAuthority_UIs_f32			
k_SrlHwAgVIdTiThd_mS_u32	65		
k_SysKinRatio_MtrDegpHwDeg_f32	86.3000031		
k_TravelXCDeadband_Uls_f32	43.5499992		
k_TravelXCHwAuthority_Uls_f32	0.164849997		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2059598336		
target_GetSystemTime_mS_u32_CurrentTime	1117112832		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_Elapsed	Ti 824746752		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime_	e 4178051584	4178051584	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_	Uls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	wDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mtrl		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_C		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	·	
	-674	5 <u>C</u>	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	1293		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.70000005		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-900.549988		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	969.01001		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-337.429993		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.19999981		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	123.459999		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784	2967684784	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886	2138628886	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	969.01001	969.01001 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	969.01001	969.01001 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1117112832	1117112832	
·	2138628886		
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	969.01001	2138628886 969.01001 ± 0.0009	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	969.01001	969.01001 ± 0.0009	

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1117112832	1117112832	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886	2138628886	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	969.01001	969.01001 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	969.01001	969.01001 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>~</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>~</b>
VehDyn_MaxOffset_HwDeg_M_f32	323.98999	323.98999	~
VehDyn_MinOffset_HwDeg_M_f32	-623	-623	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.79582453	7.79582405 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1262472576	1262472576	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-337.429993	-337.429993 ± 0.1	~

Test Step Call Trace	Test Step Call Trace			
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.127 (Repeat Count = 1)	
Name	Input Value
etrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	497.299988
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	123.300003
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	20
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	45.2999992
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	12258
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27401
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000923999993
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000923999993
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	88.5
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	236.5
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	1.60000002
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52.5
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20423
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31368
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948758
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000723999983
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	459.209991
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000440000003
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	0

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VehDyn\_Per1



Name	Input Value		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	88.3000031		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	34.2999992		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.3000002		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	63.2999992		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43190		
VehDyn_AutoCntrl_oSpd_M_str.Timer2Thresh_mS_u16	3186 3174948758		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.20000025e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	459.209991		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000923999993		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-101.489998		
VehDyn_HiSpdLearnt_Cnt_M_Igc VehDyn_Initialize_Cnt_M_Igc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn MaxOffset HwDeg M f32	1083.01404		
VehDyn_MinOffset_HwDeg_M_f32	-483.34201		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-7		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00046499999		
VehDyn_SLPHwAuth_Uls_M_f32	0.617999971		
VehDyn_SLPHwPos_HwDeg_M_f32	-121.970001		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1316564736		
k_HiSpdVDAuthority_Uls_f32	0.779999971		
k_HwTqMgnThd_HwNm_f32	5.25		
k_LoSpdVDAuthority_UIs_f32	0		
k_SrlHwAgVIdTiThd_mS_u32	91986		
k_SysKinRatio_MtrDegpHwDeg_f32	10.1000004		
k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32	21.9200001 0.190575004		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3437401088		
target GetSystemTime mS u32 CurrentTime	1736795392		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	1316564736		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRac	· <del>-</del>	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SensorlessHwPos_Hw target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	VDeg_I32	
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAg HwDeg f32	target VehDyn Per1 SrlHwAg HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_C		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-542.969971		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1177.04504		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-8		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1100		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	459.209991		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SriHwAg_HwDeg_f32.value	-121.970001		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	387.100006	Fyma ata d Value	
Name VahDun AllowHiSadAutoCatr Cat M Iga	Actual Value	Expected Value	Resul
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758 3382212733	3174948758 3382212733	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991	459.209991 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	0	0	

 $VehDyn\_AutoCntrDetSpd\_M\_str.Filter2Initialized\_Cnt\_lgc$ 

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1736795392	1736795392	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733	3382212733	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991	459.209991 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	459.209991	459.209991 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	-
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1736795392	1736795392	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733	3382212733	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991	459.209991 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	459.209991	459.209991 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	-
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	-
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	-
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	1177.04504	1177.04504	-
VehDyn_MinOffset_HwDeg_M_f32	-542.969971	-542.969971	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-7.00023937	-7.00023937 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1316564736	1316564736	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.617999971	0.617999971 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	337.23999	337.23999 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	<b>~</b>

est Step 2.128 (Repeat Count = 1)	
lame	Input Value
rtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
etSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
te_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
te_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	570.5
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.5
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	7.5
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	32.0999985
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	34738
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36612
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-913.679993
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000885999994
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-913.679993
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000885999994
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	350
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96.1999969
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	42.2000008
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53759
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	18715
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3382212733
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-913.679993
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000685999985

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VehDyn\_Per1



Name	Input Value		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-913.679993		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000364000007		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	350.899994		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrg_HwNm_f32	156.899994 3.9000001		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.900001		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21335		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	34188		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-913.679993		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.82000027e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-913.679993		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000885999994		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc VehDyn_ForceCenterOffset HwDeg M f32	1197.33997		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn Initialize Cnt M Igc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	988.166016		
VehDyn_MinOffset_HwDeg_M_f32	-610.338013		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.4000001		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000445999991		
VehDyn_SLPHwAuth_Uls_M_f32	0.978999972		
VehDyn_SLPHwPos_HwDeg_M_f32	-316.910004		
VehDyn_SrlHwAgVldTimer_mS_M_u32	2644937728		
k_HiSpdVDAuthority_UIs_f32	1		
k_HwTqMgnThd_HwNm_f32	1.10000002 0.779999971		
k_LoSpdVDAuthority_UIs_f32 k_SrlHwAgVldTiThd_mS_u32	1385		
k SysKinRatio MtrDegpHwDeg f32	12.1000004		
k TravelXCDeadband Uls f32	41.4900017		
k_TravelXCHwAuthority_Uls_f32	0.167300001		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	569984000		
target_GetSystemTime_mS_u32_CurrentTime	3437401088		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_Elapse$	dTi 2728878080		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTire	ne 2644937728		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_1		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrR:		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_RelHwPos_HwDeg_ target_VehDyn_Per1_SensorlessAuthority		
target_Rte_inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uis_f32 target_Rte_inst_Ap_VehDyn.VehDyn_Per1_SensoriessHwPos_HwDeg_f32	target_venDyn_Per1_SensoriessAuthority target_VehDyn_Per1_SensoriessHwPos_H		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lg		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mi		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_	f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-661.909973		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1282.85596		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-2.29999995		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-418.660004		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-913.679993		
target_VehDyn_Per1_SrlHwAg.HwDeg_f32.value	316 910004		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-316.910004 4.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target VehDyn Per1 VehicleSpeed Kph f32.value	42.9199982		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	nosui
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733	3382212733	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835	2553156835	
VehDyn AutoCntrDetSnd M str RelHwPosFilt1SV HwDeg str SV Llls f32	-913 679993	-913 679993 + 0 0009	

-913.679993

-913.679993

 $VehDyn\_AutoCntrDetSpd\_M\_str.RelHwPosFilt1SV\_HwDeg\_str.SV\_Uls\_f32$ 

 $VehDyn\_AutoCntrDetSpd\_M\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32$ 

-913.679993 ± 0.0009

-913.679993 ± 0.0009





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3437401088	3437401088	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835	2553156835	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-913.679993	-913.679993 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-913.679993	-913.679993 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3437401088	3437401088	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835	2553156835	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-913.679993	-913.679993 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-913.679993	-913.679993 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	•
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1282.85596	1282.85596	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-661.909973	-661.909973	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.39843702	-5.39843702 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2644937728	2644937728	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 CheckpointReached	1	_

Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	497.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	176.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	0
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	37799
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	41632
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	476.670013
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00088800001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	476.670013
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00088800001
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	400.200012
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	106.5
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.1999998
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	12.1999998
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	14442

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3589476707
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	476.670013
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000688
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	476.670013
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000368000008
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	400.600006
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	166.600006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	5.5999999
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.5999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrl_oSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476707
VehDyn_AutoCotrl oSpd_M_str.Timer2_mS_u32	2760420809 476.670013
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.8399997e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	476.670013
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV_HwDeg str.K Uls f32	0.00088800001
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	1297.25
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1.
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-993.15802
VehDyn_MinOffset_HwDeg_M_f32	-603.653992
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.5999999
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000446999999
VehDyn_SLPHwAuth_Uls_M_f32	0.959999979
VehDyn_SLPHwPos_HwDeg_M_f32	-306.649994
VehDyn_SrlHwAgVldTimer_mS_M_u32	2212175616
k_HiSpdVDAuthority_UIs_f32	0
k_HwTqMgnThd_HwNm_f32	1.20000005
k_LoSpdVDAuthority_UIs_f32	0.800000012
k_SrlHwAgVldTiThd_mS_u32	744
k_SysKinRatio_MtrDegpHwDeg_f32	53.099985 40.4599991
k_TravelXCDeadband_UIs_f32	0.168524995
k_TravelXCHwAuthority_Uls_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime	3351443200
target_GetSystemTime_mS_u32_CurrentTime	3494315776
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTi	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-655.650024
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1277.28699
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-2.5999999
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-425
	476.670013
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-306.649994
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-306.649994 5.5999999
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	-306.649994 5.5999999 1
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	-306.649994 5.5999999 1 52.0499992
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	-306.649994 5.5999999 1





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3494315776	3494315776	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	476.670013	476.670013 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	476.670013	476.670013 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3589476707	3589476707	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	476.670013	476.670013 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	476.670013	476.670013 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476707	3589476707	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	476.670013	476.670013 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	476.670013	476.670013 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	-993.15802	-993.15802	~
VehDyn_MinOffset_HwDeg_M_f32	-603.653992	-603.653992	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.59548759	7.59548759 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2212175616	2212175616	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.959999979	0.959999979 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	170.02002	170.020004 ± 0.1	~

Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.130 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime$
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	539.799988
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	216.800003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	1.7999995
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	100
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	10412
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3277
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-275.019989
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000829999975
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-275.019989
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000829999975
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	600.200012
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	88.4000015
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.1999998
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52.2000008

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	Input Value
, =	38868
,	57944
, =	54822322
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-275.019989
, =	0.000617999991
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-275.019989
, = 1 = = = = = = = = = = = = = = = = =	0.000228000004
, _ ,	0
, =	0
, , , , , , , , , , , , , , , , , , , ,	1
7	539.099976
	176.100006
	3.099999
	86.0999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	16683
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22497
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-275.019989
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.09999988e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-275.019989
, =	0.000829999975
7 7 2 3 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3	0
, =	1
, _ ,	1
, = - = = = = = = = = = = = = = = = = =	0
, _ ,	1
, = = = = = =	997.52002 0
1 ) = 111 11 21 2 231	1
, = = = = = = = = = = = = = = = = = = =	0
7 7 2 7 7 7 2 7 2 2 3 7	818.437988
VehDyn_MinOffset_HwDeg_M_f32	-837.593994
	-1.60000002
	0.000411999994
	0.437000006
VehDyn_SLPHwPos_HwDeg_M_f32	-665.75
	2728878080
	0.89999976
	3.099999
k_LoSpdVDAuthority_UIs_f32	0.100000001
k_SrlHwAgVldTiThd_mS_u32	3229
k_SysKinRatio_MtrDegpHwDeg_f32	41.0999985
k_TravelXCDeadband_Uls_f32	76.5100021
k_TravelXCHwAuthority_Uls_f32	0.125650004
target_DtrmnElapsedTime_mS_u32_ElapsedTime	437658624
target_GetSystemTime_mS_u32_CurrentTime	4243378688
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
	target_VehDyn_Per1_CcwEOT_HwDeg_f32
	target_VehDyn_Per1_CwEOT_HwDeg_f32
	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
0 = = = 1	target_VehDyn_Per1_RelHwPos_HwDeg_f32
	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target VehDyn Per1 SrlHwAg HwDeg f32
target_Rte_inst_Ap_venDyn_VenDyn_Peri_SriHwAg_HwDeg_r32 target_Rte_inst_Ap_vehDyn_VehDyn_Peri_TorqueCmdCRF_MtrNm_f32	target_VenDyn_Per1_SriHwAg_HwDeg_t32 target_VenDyn_Per1_TorqueCmdCRF_MtrNm_f32
	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
	target_VehDyn_Per1_VehicleSpeed_Kph_f32
	-874.75
target VehDvn Per1 CcwEOT HwDeg f32.value	1356.87
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDvn_Per1_CwEOT_HwDeg_f32.value	process of the contract of the
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	4
target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value	4 -75.5400009
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-75.5400009
target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-75.5400009 -275.019989
target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVId_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-75.5400009 -275.019989 1
target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVId_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-75.5400009 -275.019989 1 -665.75

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Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322	54822322	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779	1078320779	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-275.019989	-275.019989 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-275.019989	-275.019989 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4243378688	4243378688	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779	1078320779	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-275.019989	-275.019989 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-275.019989	-275.019989 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4243378688	4243378688	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779	1078320779	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-275.019989	-275.019989 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-275.019989	-275.019989 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	818.437988	818.437988	~
VehDyn_MinOffset_HwDeg_M_f32	-599.72998	-599.72998	<b>~</b>
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1.59766078	-1.59766078 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2728878080	2728878080	<b>~</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1272.54004	-1272.54004 ± 0.1	<b>~</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.131 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime	
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	290.5	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	196.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.5	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	67.5	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	3658	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	5853	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004656	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1377.90002	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000891999982	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1377.90002	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000891999982	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	200.199997	

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	126
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.5
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	33198
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004656
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	-1377.90002 -1377.90002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000691999972
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1377.90002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000376000011
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	200.600006
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	186.600006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.5999999
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	88.5999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	26195
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22037
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004656
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1377.90002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.88e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1377.90002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000891999982
VehDyn_AutoCntrl_oSpd_M_str.Filter1Enable_Cnt_lgc	1 0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn ForceCenterOffset HwDeg M f32	1497.06995
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1003.14203
VehDyn_MinOffset_HwDeg_M_f32	-590.286011
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000002
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.000449000014
VehDyn_SLPHwAuth_Uls_M_f32	0.921999991
VehDyn_SLPHwPos_HwDeg_M_f32	-286.130005
VehDyn_SrlHwAgVldTimer_mS_M_u32	800969984
k_HiSpdVDAuthority_Uls_f32	0
k_HwTqMgnThd_HwNm_f32	0.00120000006
k_LoSpdVDAuthority_UIs_f32	0.777999997
k_SrlHwAgVIdTiThd_mS_u32	701
k_SysKinRatio_MtrDegpHwDeg_f32	96.5
k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32	38.4000015 0.170975
target DtrmnElapsedTime mS u32 ElapsedTime	1975593216
target GetSystemTime mS u32 CurrentTime	1759885568
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 HwTorque HwNm f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-643.130005
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1266.14905
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-3.20000005
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-753.880005
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1377.90002
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-286.130005





Name	Input Value		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.80000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	139.990005		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1759885568	1759885568	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758	3174948758	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1377.90002	-1377.90002 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1377.90002	-1377.90002 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004656	4004004656	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758	3174948758	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1377.90002	-1377.90002 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1377.90002	-1377.90002 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004656	4004004656	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758	3174948758	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1377.90002	-1377.90002 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1377.90002	-1377.90002 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1266.14905	1266.14905	~
VehDyn_MinOffset_HwDeg_M_f32	-643.130005	-643.130005	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60068214	-1.60068214 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	800969984	800969984	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.921999991	0.921999991 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	~

Test Step 2.132 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	604.5
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	206.5
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.5
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.5
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	0
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	23667
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1380.59998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000893999997
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1380.59998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000893999997
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	457
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	136.199997 16.2000008
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.1999969
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	34188
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1380.59998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000693999988
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1380.59998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000380000012
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	457.899994 196.899994
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	5.9000001
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	75.9000015
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	43190
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3186
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1380.59998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.90000015e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1380.59998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000893999997
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterEnabled_Cht_Iw_lgc  VehDyn_ForceCenterOffset_HwDeg_M_f32	1596.97998
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Igc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1008.13397
VehDyn_MinOffset_HwDeg_M_f32	-583.60199
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.8000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000449999992
VehDyn_SLPHwAuth_Uls_M_f32	0.902999997
VehDyn_SLPHwPos_HwDeg_M_f32	-275.869995
VehDyn_SrlHwAgVldTimer_mS_M_u32	2659241984
k_HiSpdVDAuthority_Uls_f32	1
k_HwTqMgnThd_HwNm_f32 k_LoSpdVDAuthority_Uls_f32	1.10000002 0
k_CospavDAuthority_Ois_132 k_SrlHwAgVldTiThd_mS_u32	702
k SysKinRatio MtrDegpHwDeg f32	45.0999985
k TravelXCDeadband Uls f32	37.3699989
k_TraveIXCHwAuthority_UIs_f32	0.172199994
target_DtrmnElapsedTime_mS_u32_ElapsedTime	910116864
target_GetSystemTime_mS_u32_CurrentTime	1662097408
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_Elapsed$	89
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	2659241984
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_UIs_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_venDyn_VenDyn_Per1_SriHwAg_HwDeg_r32 target_Rte_Inst_Ap_vehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_venDyn_Per1_SnHwAg_HwDeg_t32 target_vehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_venDyn.VenDyn_Per1_rtorqueCridCRr_MtiNfin_i32 target_Rte_Inst_Ap_vehDyn.VehDyn_Per1_vehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_vehicleSpeedValid_Cnt_lgc
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target VehDyn Per1 CcwEOT HwDeg f32.value	-636.869995
	1260.57996
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	
target_VehDyn_Per1_CwEO1_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value	-3.5
	-3.5 1100.77002





Name	Input Value		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-275.869995		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	3.20000005		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	387.450012		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631	4211268631	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733	3382212733	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1380.59998	-1380.59998 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1380.59998	-1380.59998 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1662097408	1662097408	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733	3382212733	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1380.59998	-1380.59998 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1380.59998	-1380.59998 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1662097408	1662097408	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733	3382212733	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1380.59998	-1380.59998 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1380.59998	-1380.59998 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1260.57996	1260.57996	•
VehDyn_MinOffset_HwDeg_M_f32	-636.869995	-636.869995	•
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.7948837	-14.7948828 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2659241984	2659241984	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.902999997	0.902999997 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	~

Test Step 2.133 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	554.099976
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	216.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	32.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	60000
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	49369
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476707
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	703.02002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000896000012
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	703.02002

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Name		
Verbin, Publiconides M. and Final Final End by 0 Verbin, Publiconides M. and Final Final End by 0 Verbin, Publiconides M. and Final Final End by 0 Verbin, Publiconides M. and Final Final End by 0 Verbin, Publiconides M. and Final Final End by 0 Verbin, Publiconides M. and Final Final End by 0 Verbin, Publiconides M. and Final Final End by 0 Verbin, Publiconides M. and Final Final End by 0 Verbin, Publiconides M. and Final Final End by 0 Verbin, Publiconides M. and Final Final End by 0 Verbin, Publiconides M. and Final Final End by 0 Verbin, Publiconides M. and Final Final End by 0 Verbin, Publiconides M. and Final Final End by 0 Verbin, Publiconides M. and Final Final End by 0 Verbin, Publiconides M. and Final Final End by 1 Verbin, Publiconides M. and Final Fin	Name	Input Value
Velicity Author/Chiefe Sept M. Set Principationals Cell by	VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000896000012
VenDry Auscone (VenDry Auscone)   VenDry Ausco	VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0
VebDra, Nacionardissol, M. st. Prikardinalead, Cri. (p.)         1           VebDra, Nacionardissol, M. st. Prikardinalead, Cri. (p.)         1           VebDra, Nacionardissol, M. st. Prikardinalead, Cri. (p.)         166           VebDra, Nacionardissol, M. st. Prikardinalead, Cri. (p.)         165           VebDra, Nacionardissol, M. st. Prikardinalead, Cri. (p.)         155           VebDra, Nacionardissol, M. st. Prikardinalead, Cri. (p.)         1228           VebDra, Nacionardissol, M. st. Prikardinalead, Cri. (p.)         38416           VebDra, Nacionardissol, M. st. Prikardinalead, Cri. (p.)         3841777           VebDra, Nacionardissol, M. st. Prikardinalead, V. Juboga, st. SV. (p.), 22         39847777           VebDra, Nacionardissol, M. st. Prikardinalead, V. Juboga, st. SV. (p.), 22         703.0002           VebDra, Nacionardissol, M. st. Prikardinalead, V. Juboga, st. SV. (p.), 22         703.0002           VebDra, Nacionardissol, M. st. Prikardinalead, V. Juboga, st. SV. (p.), 22         703.0002           VebDra, Nacionardissol, M. st. Prikardinalead, Cri. (p.)         1           VebDra, Nacionardissol, M. st. Prikardinalead, Cri. (p.)         3030003		0
Verbin, Ausborniches South, Mr. Effectionalisated, Crit. [oz.]  Verbiny, Ausborniches M. Mr. Effective Front 1922  Verbiny, Ausborniches M. Mr. Effective Front		1
Verbiro, Auschriefsed, M. at Wirkel, Miragos, 12.  Verbiro, Auschriefsed, M. at Wirkel, Miragos, 12.  Verbiro, Auschriefsed, M. at Timbert Timben, 19.  Verbiro, Auschriefsed, M. at Timbert Timber,		1
Verbin, Ausconstribution M. att Parish reviews (1945)		
Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 45 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 45 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 45 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 45 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 45 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 45 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 45 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 47 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 47 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 47 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 47 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 47 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 47 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 47 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 47 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 47 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 47 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 49 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 49 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 49 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 49 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 49 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 49 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 49 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 49 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 49 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 49 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 49 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 49 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 49 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 49 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 49 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 49 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 49 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 49 Verbin, Auschmittigs M. att 7:11 Print 1, 14-Mm, 1/2 49 Verbin, Auschmittigs M. att 7:		
Velicips Ausconfession M. at Transferrite han 9 use 1 9258 Velicips Ausconfession M. at Transferrite han 9 use 1 9244 Velicips Ausconfession M. at Transferrite han 9 use 1 9244 Velicips Ausconfession M. at Transferrite M. puse 2 938947877 Velicips Ausconfession M. at Transferrite M. puse 3 9394 Velicips Ausconfession M. at Transferrit	, - , , -, -	
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Vehicly AutoContinSept M, strTimerTimest, ms, u16   Vehicly AutoContinSept M, strTimerTimest, ms, u16   Vehicly AutoContinSept M, strTimerTimest, ms, u17   Vehicly AutoContinSept M, strTimert, ms, u17   Vehicly		
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Verbiny AutoContrisSpd M, threblevPositiTiSV / Hobeg str X, Uls   12		
Verbity, AusCortinisQuil M, Enterhitore IRESV, Hubbeg at K, Uis 132 Verbity, AusCortinisQuil M, Enterit Enable, Crit. Igs Verbity, AusCortinisQuil M, Enterit Initialized, Crit. Igs Verbity, AusCortinisQuil M, Enterit Enable, Crit. Igs Verbity, AusCortinisQuil M, Enterit Turbeth, Inf. 22 200, 300003 Verbity, AusCortinisQuil M, Enterit Turbeth, Inf. 23 2.9999865 Verbity, AusCortinisQuil M, Enterit Turbeth, Inf. 216 Verbity, AusCortinisQuil M, Enterit Turbeth, Inf. 217 Verbity, AusCortinisQuil M, Enterit Enable, Crit. Igs Verbity, Mortinis H, Werbity, M, England M, Enable, Crit. Igs Verbity, Mortinis H, Werbity, M, England M, Enable, Crit. Igs Verbity, Mortinis H, Werbity, M, England M, Ena		
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VehDyn, AutoCnirisSpd, M. striBerSchale, Cnt. Ige 1 VehDyn, AutoCnirisSpd, M. striBerSchale, Cnt. Ige 1 VehDyn, AutoCnirisSpd, M. striBerSchale, Cnt. Ige 0 VehDyn, AutoCnirisSpd, M. striBerSchale, Cnt. Ige 0 VehDyn, AutoCnirisSpd, M. striBerSchale, Cnt. Ige 0 VehDyn, AutoCnirisSpd, M. striVel, MircapS 192 498.29988 VehDyn, AutoCnirisSpd, M. striVel, MircapS 192 498.299985 VehDyn, AutoCnirisSpd, M. striPerSchale, Cnt. Ige 0 VehDyn, AutoCnirisSpd, M. striPerSchale, Spd, Ige 192 32.999995 VehDyn, AutoCnirisSpd, M. striPerschale, Spd, Ige 192 32.999995 VehDyn, AutoCnirisSpd, M. striPerschale, Spd, Ige 192 39.99995 VehDyn, AutoCnirisSpd, M. striPerschale, Spd, Ige 192 39.99995 VehDyn, AutoCnirisSpd, M. striPerschale, Spd, Ige 192 39.999995 VehDyn, AutoCnirisSpd, M. striPerschale, Spd, Ige 192 39.9999999999999999999999999999999999		
Verboyn, Audochniriskopd M, str. Filler Inhibitatived, Crt. Igo	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	
VerDyn_AutoCrintHSpd_M_str.FilterInitialized_Crt_lgc	VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	
VehDyn, AutoCriticSpd, M. str. VehSpd, kpt. 122 VehDyn, AutoCriticSpd, M. str. VehSpd, kpt. 132 VehDyn, AutoCriticSpd, M. str. TimerThreal, m. Sur16 VehDyn, AutoCriticSpd, M. str. TimerThreal, m. Sur16 VehDyn, AutoCriticSpd, M. str. TimerThreal, m. Sur16 VehDyn, AutoCriticSpd, M. str. TimerT, m. Sur18 VehDyn, AutoCriticSpd, M. str. TimerT, m. Sur18 VehDyn, AutoCriticSpd, M. str. RelHwPoSitHSV, HwDeg, str. X, Uls. 132 VehDyn, AutoCriticSpd, M. str. RelHwPoSitHSV, HwDeg, str. X, Uls. 132 VehDyn, AutoCriticSpd, M. str. RelHwPoSitHSV, HwDeg, str. X, Uls. 132 VehDyn, AutoCriticSpd, M. str. RelHwPoSitHSV, HwDeg, str. X, Uls. 132 VehDyn, AutoCriticSpd, M. str. RelHwPoSitHSV, HwDeg, str. X, Uls. 132 VehDyn, AutoCriticSpd, M. str. RelHwPoSitHSV, HwDeg, str. X, Uls. 132 VehDyn, AutoCriticSpd, M. str. RelHwPoSitHSV, HwDeg, str. X, Uls. 132 VehDyn, AutoCriticSpd, M. str. RelHwPoSitHSV, HwDeg, str. X, Uls. 132 VehDyn, AutoCriticSpd, M. str. RelHwPoSitHSV, HwDeg, str. X, Uls. 132 VehDyn, AutoCriticSpd, M. str. RelHwPoSitHSV, HwDeg, str. X, Uls. 132 VehDyn, AutoCriticSpd, M. str. RelHwPoSitHSV, HwDeg, str. X, Uls. 132 VehDyn, AutoCriticSpd, M. str. RelHwPoSitHSV, HwDeg, str. X, Uls. 132 VehDyn, AutoCriticSpd, M. str. RelHwPoSitHSV, HwDeg, str. X, Uls. 132 VehDyn, LotterCore, M. str. X, Uls. 132 VehDyn, ForseCenterChated, Crt. M. Ige 1 VehDyn, LotterCore, M. str. X, Uls. 132 VehDyn, HSDG, earn, Crt. M. Ige 1 VehDyn, LotterCore, M. Indiana, Crt. M. Ige 1 VehDyn, LotterCore, M. Indiana, Crt. M. Ige 1 VehDyn, LotterCore, M. str. X, Uls. 132 VehDyn, MinOffeet, HwDeg, M. 132 VehDyn, Shirtwey, Wet Swy, Uls. 132 VehDyn, MinOffeet, HwDeg		1
Verbyn, AutoCritic Spie, M., str. MerNey I, Mrita Ags. 202 Verbyn, AutoCritic Spie, M., str. MerNey I, Mrita Miller II, Mrita	VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VerbDyn_AutoCriticSpd_M_str_FillPinTin_HwNn_T32	VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoChtLoSpd_M_str_Fille/Intr_He/mtm_122         3.29999995           VehDyn_AutoChtLoSpd_M_str_Timer1Thresh_mS_u16         30404           VehDyn_AutoChtLoSpd_M_str_Timer2Thresh_mS_u16         30494           VehDyn_AutoChtLoSpd_M_str_Timer2   ms_u32         102           VehDyn_AutoChtLoSpd_M_str_Timer2_mS_u32         102           VehDyn_AutoChtLoSpd_M_str_Relit*MorSelfistSV_HwDeg_str_SV_uls_f32         703           VehDyn_AutoChtLoSpd_M_str_Relit*MorSelfistSV_HwDeg_str_SV_uls_f32         703           VehDyn_AutoChtLoSpd_M_str_Relit*WorSelfistSV_HwDeg_str_SV_uls_f32         0.20000031e-005           VehDyn_AutoChtLoSpd_M_str_Relit*WorSelfistSV_HwDeg_str_SV_uls_f32         0.000986000012           VehDyn_AutoChtLoSpd_M_str_Filler*Enable_Cht_lg         1           VehDyn_AutoChtLoSpd_M_str_Filler*Enable_Cht_lg         0           VehDyn_AutoChtLoSpd_M_str_Filler*Enable_Cht_lg         0           VehDyn_AutoChtLoSpd_M_str_Filler*Enable_Cht_lg         1           VehDyn_AutoChtLoSpd_M_str_Filler*Enable_Cht_lg         1           VehDyn_Eorcachter*Enable_Cht_M_lg         1           VehDyn_Eorcachter*Enable_Cht_M_lg         1           VehDyn_Eorcachter*Enable_Cht_M_lg         1           VehDyn_Eorcachter*Enable_Cht_M_lg         1           VehDyn_Eorcachter*Enable_Cht_M_lg         1           VehDyn_Eorcachter*Enable_Cht_M_lg </td <td>VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32</td> <td>498.299988</td>	VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	498.299988
VerbDyn_AutoCnitLoSpd_M_str_Timer1Thresh_mS_u16	VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	206.300003
VehDyn_AutoCnitLoSpd_M_str.Timer1Thresh_mS_u16         30404           VehDyn_AutoCnitLoSpd_M_str.Timer2Thresh_mS_u16         30349           VehDyn_AutoCnitLoSpd_M_str.Timer2_mS_u32         3588476707           VehDyn_AutoCnitLoSpd_M_str.Timer2_mS_u32         3588476707           VehDyn_AutoCnitLoSpd_M_str.ReiHwPosFitItSV_HWDeg_str.SV_UIs_f32         63000031e-005           VehDyn_AutoCnitLoSpd_M_str.ReiHwPosFitItSV_HWDeg_str.SV_UIs_f32         00000386000012           VehDyn_AutoCnitLoSpd_M_str.ReiHwPosFitItSV_HWDeg_str.SV_UIs_f32         0000086000012           VehDyn_AutoCnitLoSpd_M_str.ReiHwPosFitItSV_HWDeg_str.SV_UIs_f32         0000086000012           VehDyn_AutoCnitLoSpd_M_str.ReiHwPosFitItSV_HWDeg_str.SV_UIs_f32         0           VehDyn_AutoCnitLoSpd_M_str.ReiHwPosFitItSV_HWDeg_str.SV_UIs_f32         0           VehDyn_AutoCnitLoSpd_M_str.ReiHwPosFitItSV_HWDeg_str.SV_UIs_f32         1           VehDyn_AutoCnitLoSpd_M_str.ReiHwPosFitItSV_HWDeg_str.SV_UIs_f32         1           VehDyn_AutoCnitLoSpd_M_str.ReiHwPosFitItSV_HWDeg_str.SV_UIs_f32         1           VehDyn_AutoCnitLoSpd_M_str.ReiHwPosFitItSV_HWDeg_str.SV_UIs_f32         1           VehDyn_ForceCenterCitiSet_HWDeg_M_str.SV_UIs_f32         1           VehDyn_ForceCenterCitiSet_HWDeg_M_str.SV_UIs_f32         1           VehDyn_HITSV_M_str.SV_UIs_f32         1           VehDyn_FitISV_M_str.SV_UIs_f32         1	VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.29999995
VehDyn_AutoCnitLoSpd_M_str.Timer1Thresh_mS_u16         30404           VehDyn_AutoCnitLoSpd_M_str.Timer2Thresh_mS_u16         30349           VehDyn_AutoCnitLoSpd_M_str.Timer2_mS_u32         3589476707           VehDyn_AutoCnitLoSpd_M_str.Timer2_mS_u32         3589476707           VehDyn_AutoCnitLoSpd_M_str.RelHWPosFitISV_HWDeg_str.SV_Uls_f32         692000031e-005           VehDyn_AutoCnitLoSpd_M_str.RelHWPosFitISV_HWDeg_str.SV_Uls_f32         00000896000012           VehDyn_AutoCnitLoSpd_M_str.RelHWPosFitISV_HWDeg_str.SV_Uls_f32         0000986000012           VehDyn_AutoCnitLoSpd_M_str.RelHWPosFitISV_HWDeg_str.SV_Uls_f32         0000986000012           VehDyn_AutoCnitLoSpd_M_str.RelHWPosFitISV_HWDeg_str.SV_Uls_f32         0           VehDyn_AutoCnitLoSpd_M_str.RelHWPosFitISV_HWDeg_str.SV_Uls_f32         0           VehDyn_AutoCnitLoSpd_M_str.RelHWPosFitISV_HWDeg_str.SV_Uls_f32         1           VehDyn_AutoCnitLoSpd_M_str.RelHWPosFitISV_HWDeg_str.SV_Uls_f32         1           VehDyn_AutoCnitLoSpd_M_str.RelHWPosFitISV_HWDeg_str.SV_Uls_f32         1500.22998           VehDyn_LoSpd_ema_ctr.Lell_displaced_Cnl_lge         1           VehDyn_HitITISV_MRD_str.SV_Uls_f32         1           VehDyn_HitITISV_MRD_str.SV_Uls_f32         1           VehDyn_HitITISV_MRD_str.SV_Uls_f32         1013.12598           VehDyn_NiDMOTISET_HWDeg_M_f32         20500000000000000000000000000000000000	VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	97.3000031
VehDyn_AutoCnitLoSpd_M_str.Timer2Tmesh_mS_u16   30349   VehDyn_AutoCnitLoSpd_M_str.Timer2_mS_u32   388947677   VehDyn_AutoCnitLoSpd_M_str.Timer2_mS_u32   388947677   VehDyn_AutoCnitLoSpd_M_str.Timer2_mS_u32   703.02002   VehDyn_AutoCnitLoSpd_M_str.RelHwPosifitSV_HWDeg_str.SV_UIs_f32   6000031e-005   VehDyn_AutoCnitLoSpd_M_str.RelHwPosifitSV_HWDeg_str.SV_UIs_f32   703.02002   VehDyn_AutoCnitLoSpd_M_str.RelHwPosifitSV_HWDeg_str.SV_UIs_f32   0.0000898000012   VehDyn_AutoCnitLoSpd_M_str.RelHwPosifitSV_HWDeg_str.SV_UIs_f32   0.000898000012   VehDyn_AutoCnitLoSpd_M_str.RelHwPosifitSV_HWDeg_str.SV_UIs_f32   0.000898000012   VehDyn_AutoCnitLoSpd_M_str.RelHwPosifitSV_HWDeg_str.SV_UIs_f32   0.000898000012   VehDyn_AutoCnitLoSpd_M_str.RelHwPosifitSV_HWDeg_str.SV_UIs_f32   0.000898000012   VehDyn_AutoCnitLoSpd_M_str.RelHwPosifitSV_HWDeg_str.SV_UIs_f32   0.000898000012   VehDyn_AutoCnitLoSpd_M_str.RelHwPosifitSV_HWDeg_str.SV_UIs_f32   0.000898000012   VehDyn_AutoCnitLoSpd_M_str.RelHwPosifitSV_HWDeg_str.SV_UIs_f32   1.90002998   VehDyn_HoroccenterEnabled_Cnit_UIs_G   1   VehDyn_LoSpd_Loami_Cnit_M_igc   1   VehDyn_Intrialsize_Cnit_M_igc   1	- · · · · · · - · - · - · · - · · - ·	30404
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32   1024   VehDyn_AutoCntrLoSpd_M_str.Emer2_mS_u32   3889476707   VehDyn_AutoCntrLoSpd_M_str.EmitPwoSpittSV_HvDeg_str.SV_Uis_f32   703.02002   VehDyn_AutoCntrLoSpd_M_str.ReiHwPoSpittSV_HvDeg_str.K_Uis_f32   6.92000031e-005   VehDyn_AutoCntrLoSpd_M_str.ReiHwPoSpittSV_HvDeg_str.K_Uis_f32   0.000886000012   VehDyn_AutoCntrLoSpd_M_str.ReiHwPoSpittSV_HvDeg_str.K_Uis_f32   0.000886000012   VehDyn_AutoCntrLoSpd_M_str.ReiHwPoSpittSV_HvDeg_str.K_Uis_f32   0.000886000012   VehDyn_AutoCntrLoSpd_M_str.ReiTerDable_Cnt_go   0   VehDyn_AutoCntrLoSpd_M_str.ReiTerDable_Cnt_go   0   VehDyn_AutoCntrLoSpd_M_str.ReiTerDable_Cnt_go   0   VehDyn_AutoCntrLoSpd_M_str.ReiTerDable_Cnt_go   1   VehDyn_ForeCenterEnabled_Cnt_M_igc   1   VehDyn_ForeCenterEnabled_Cnt_M_igc   1   VehDyn_ForeCenterCntspd_M_str.ReiTerDable_Cnt_go   1   VehDyn_InforecenterCntspd_M_str.ReiTerDable_Cnt_go   1   VehDyn_InforecenterCntspd_M_str.MilerCamitCnt_M_igc   1   VehDyn_LoSpd_Amm_Cnt_M_igc   1   VehDyn_InforecenterCntspd_M_str.MilerCamitCnt_M_igc   1   VehDyn_InforecenterCnt_M_igc   0   VehDyn		30349
VehDyn_AutoCnitLoSpd_M_str.RelHwPoSFIITSV_HWDeg_str.XU_lis_f32         703.02002           VehDyn_AutoCnitLoSpd_M_str.RelHwPoSFIITSV_HWDeg_str.XU_lis_f32         703.02002           VehDyn_AutoCnitLoSpd_M_str.RelHwPoSFIITSV_HWDeg_str.X_Ulis_f32         0.000898000012           VehDyn_AutoCnitLoSpd_M_str.RelHwPoSFIIZSV_HWDeg_str.X_Ulis_f32         0.000898000012           VehDyn_AutoCnitLoSpd_M_str.FilterInsialec_Cnt_lgc         0           VehDyn_AutoCnitLoSpd_M_str.FilterInsialecd_Cnt_lgc         0           VehDyn_AutoCnitLoSpd_M_str.FilterInsialecd_Cnt_lgc         1           VehDyn_ForceCenterChabled_Cnt_M_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset_HwDeg_M_52         1500.22998           VehDyn_Insialez_Cnt_M_ligc         1           VehDyn_Insialez_Cnt_M_ligc         1           VehDyn_Insialez_Cnt_M_ligc         1           VehDyn_MorDfset_HwDeg_M_152         1013.12598           VehDyn_WhorTfset_HwDeg_M_152         103.12598           VehDyn_SIPHwAutn_Ulis_M_152         0.000451           VehDyn_SIPHwAutn_Ulis_M_152         0.884000003           VehDyn_SIPHwAutn_Ulis_M_152         0.884000003           VehDyn_SiPHwAutn_Ulis_M_152         2.999999           VehDyn_SiPHwAutn_Ulis_M_152         2.099999           VehDyn_SiPHwAutn_Ulis_M_	VehDyn AutoCntrLoSpd M str.Timer1 mS u32	1024
VehDyn_AutoCnitLoSpd_M_str.RelHwPoSFIITSV_HWDeg_str.XU_lis_f32         703.02002           VehDyn_AutoCnitLoSpd_M_str.RelHwPoSFIITSV_HWDeg_str.XU_lis_f32         703.02002           VehDyn_AutoCnitLoSpd_M_str.RelHwPoSFIITSV_HWDeg_str.X_Ulis_f32         0.000898000012           VehDyn_AutoCnitLoSpd_M_str.RelHwPoSFIIZSV_HWDeg_str.X_Ulis_f32         0.000898000012           VehDyn_AutoCnitLoSpd_M_str.FilterInsialec_Cnt_lgc         0           VehDyn_AutoCnitLoSpd_M_str.FilterInsialecd_Cnt_lgc         0           VehDyn_AutoCnitLoSpd_M_str.FilterInsialecd_Cnt_lgc         1           VehDyn_ForceCenterChabled_Cnt_M_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset_HwDeg_M_52         1500.22998           VehDyn_Insialez_Cnt_M_ligc         1           VehDyn_Insialez_Cnt_M_ligc         1           VehDyn_Insialez_Cnt_M_ligc         1           VehDyn_MorDfset_HwDeg_M_152         1013.12598           VehDyn_WhorTfset_HwDeg_M_152         103.12598           VehDyn_SIPHwAutn_Ulis_M_152         0.000451           VehDyn_SIPHwAutn_Ulis_M_152         0.884000003           VehDyn_SIPHwAutn_Ulis_M_152         0.884000003           VehDyn_SiPHwAutn_Ulis_M_152         2.999999           VehDyn_SiPHwAutn_Ulis_M_152         2.099999           VehDyn_SiPHwAutn_Ulis_M_	VehDyn AutoCntrLoSpd M str.Timer2 mS u32	3589476707
VehDyn_AutoContLoSpd_M_str.RelHwPosFilitSV_HwDeg_str.X_Uls_f32         70.0000319-005           VehDyn_AutoContLoSpd_M_str.RelHwPosFili2SV_HwDeg_str.X_Uls_f32         70.00002           VehDyn_AutoContLoSpd_M_str.RelHwPosFili2SV_HwDeg_str.X_Uls_f32         0.000886000012           VehDyn_AutoContLoSpd_M_str.FilterInstallace_Cnt_lgc         0           VehDyn_AutoContLoSpd_M_str.FilterInstallace_Cnt_lgc         0           VehDyn_AutoContLoSpd_M_str.FilterInstallace_Cnt_lgc         1           VehDyn_AutoContLoSpd_M_str.FilterInstallace_Cnt_lgc         1           VehDyn_AutoContLoSpd_M_str.FilterInstallace_Cnt_lgc         1           VehDyn_ForceCenterCnablec_Cnt_M_lgc         1           VehDyn_ForceCenterCnablec_Cnt_M_lgc         1           VehDyn_HiSpd.eaml_Cnt_M_lgc         1           VehDyn_LoSpd.eaml_Cnt_M_lgc         1           VehDyn_LoSpd.eaml_Cnt_M_lgc         1           VehDyn_Instream_Str.Y_lus_f32         1031.12598           VehDyn_Instream_Str.Y_lus_f32         17.7999992           VehDyn_Instream_Str.Y_lus_f32         0.000451           VehDyn_StPHwPcs_HwDeg_M_f32         0.884000003           VehDyn_StPHwPcs_HwDeg_M_f32         0.899998           VehDyn_StPHwPcs_HwDeg_M_f32         0           VehDyn_StPHwPcs_HwDeg_M_f32         0.900451           VehDyn_StPHwPcs_HwDeg_M_f32		
VehDyn_AutoCntLoSpd_M_str.RelhwPoSitt2SV_HwDeg_str.SV_Uis_f32         703.02002           VehDyn_AutoCnttLoSpd_M_str.FilterTEnable_Cnt_Uig         1           VehDyn_AutoCnttLoSpd_M_str.FilterTEnable_Cnt_Uig         0           VehDyn_AutoCnttLoSpd_M_str.FilterTenable_Cnt_Uig         0           VehDyn_AutoCnttLoSpd_M_str.FilterTenable_Cnt_Uig         1           VehDyn_AutoCnttLoSpd_M_str.FilterTenable_Cnt_Uig         1           VehDyn_ForceCenterEnabled_Cnt_M_jig         1           VehDyn_ForceCenterCillset HwDeg_M_f32         1500.22998           VehDyn_HiSpdLearn_Cnt_M_jig         1           VehDyn_HiSpdLearn_Cnt_M_ig         1           VehDyn_Lote_Learn_Cnt_M_ig         1           VehDyn_Lote_Learn_Cnt_M_ig         1           VehDyn_Lote_Str.W_isc_Str.		
VehDyn_AutoCntrLoSpd_M_str.FielTable_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.FiletTable_Cnt_Igc         0           VehDyn_AutoCntrLoSpd_M_str.FiletZenable_Cnt_Igc         0           VehDyn_AutoCntrLoSpd_M_str.FiletZenable_Cnt_Igc         0           VehDyn_AutoCntrLoSpd_M_str.FiletZenable_Cnt_Igc         1           VehDyn_ForceCenterCanbled_Cnt_M_Igc         1           VehDyn_ForceCenterConstell_Cnt_M_Igc         1           VehDyn_HiSpd_eart_Cnt_M_Igc         1           VehDyn_LoSpdLeart_Cnt_M_Igc         1           VehDyn_LoSpdLeart_Cnt_M_Igc         1           VehDyn_LoSpdLeart_Cnt_M_Igc         1           VehDyn_MaxOffset_HwDeg_M_If32         1013.12598           VehDyn_MinOffset_HwDeg_M_If32         1013.12598           VehDyn_PinTrqSV_M_str_SV_Us_152         177999992           VehDyn_Sir_SV_M_str_K_Us_152         0.000451           VehDyn_Sir_HwAuth_Us_M_If22         0.88400003           VehDyn_Sir_HwAuth_Us_M_If22         0.88400003           VehDyn_Sir_HwAuth_Us_M_If22         0.88400003           VehDyn_Sir_HwAuth_Us_M_If22         0.899999           VehDyn_Sir_HwAuth_Us_M_If22         0.00451           VehDyn_Sir_HwAuth_Us_M_If22         0.00451           VehDyn_Sir_HwAuth_Us_M_If22         0.00451		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset HwDeg_M_f32         -1500.22998           VehDyn_HiSpdLearnt_Cnt_M_lgc         1           VehDyn_HiSpdLearnt_Cnt_M_lgc         1           VehDyn_Initialize_Cnt_M_lgc         1           VehDyn_Initialize_Cnt_M_lgc         1           VehDyn_MaxOffset_HwDeg_M_f32         1013.12598           VehDyn_MinOffset_HwDeg_M_f32         -576.91803           VehDyn_PinTrqSV_M_str.SV_uls_f32         17.7999992           VehDyn_PinTrqSV_M_str.K_uls_f32         0.000451           VehDyn_Sirl+WaQvidTimer_mS_M_u32         0.88400003           VehDyn_Sirl+WaQvidTimer_mS_M_u32         2942063360           VehDyn_Sirl+WaQvidTimer_mS_M_u32         2942063360           VehDyn_Sirl+WaQvidTimer_mS_M_u32         20999999           V_LoSpdVDAuthority_Uls_f32         0           V_ELBYDVDALITHIN_MIN_f32         1           V_ELBYDVDALITHING_MIN_f32         73           V_ELBYDVDALITHING_MIN_f32         1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset_HwDeg_M_f82         1500.22998           VehDyn_FloSpd.earnL_Cnt_M_lgc         1           VehDyn_LoSpd.earnL_Cnt_M_lgc         1           VehDyn_LoSpd.earnL_Cnt_M_lgc         1           VehDyn_LoSpd.earnL_Cnt_M_lgc         1           VehDyn_MinOffset_HwDeg_M_f32         1013.12598           VehDyn_MinOffset_HwDeg_M_f32         -576.91803           VehDyn_PinTrqsV_M_strk_Uis_f32         17.7899992           VehDyn_PinTrqsV_M_strk_Uis_f32         0.88400003           VehDyn_SLPHwAuth_Uis_M_f32         -265.609965           VehDyn_SLPHwPos_HwDeg_M_f32         2842063360           VehDyn_StrawQyldTimer_ns_M_u32         2842063360           V_LISpdVDAuthority_Uis_f32         1           V_LOSpdVDAuthority_Uis_f32         1           V_LOSpdVDAuthority_Uis_f32         1           V_LOSpdVDAuthority_Uis_f32         1           V_LOSpdVDAuthority_Uis_f32         1           V_LOSpdVDAuthority_Uis_f32         1           V_LOSpdVDAUTHORY_Uis_f32<	, - ,	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCentefCnabled_Cnt_M_lgc         1           VehDyn_ForceCenterCnabled_Cnt_M_lgc         1           VehDyn_HSpdLearnt_Cnt_M_lgc         1           VehDyn_HSpdLearnt_Cnt_M_lgc         1           VehDyn_Initialize_Cnt_M_lgc         1           VehDyn_MaxOffset_HwDeg_M_f32         1013.12598           VehDyn_MinOffset_HwDeg_M_f32         576.91803           VehDyn_FirtqSV_M_str.K_Uls_f32         17.7899992           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000451           VehDyn_St.PHwAuth_Uls_M_f32         0.884000003           VehDyn_StrHwAg/VldTimer_mS_M_u32         2942063360           V_HDyn_StrHwAg/VldTimer_mS_M_u32         2942063360           V_HWTQMpTinD_HwIm_f32         2.0999999           V_LHGYBQMTIND_HWB_f32         1           V_SysKinRatio_MtrDegpHwDeg_f32         78.4000015           V_SysKinRatio_MtrDegpHwDeg_f32         78.4000015           V_Trave/XCHwAuthority_Uls_f32         0.173425004           V_Target_RE_Call_Ap_VehDyn_SystemTime_DimmElapsedTime_mS_u32_ElapsedTime_target_GetSystemTime_mS_u32_ElapsedTime_target_RE_Call_Ap_VehDyn_SystemTime_DimmElapsedTime_mS_u32_ElapsedTime_target_RE_Call_Ap_VehDyn_SystemTime_DimmElapsedTime_mS_u32_ElapsedTime_target_RE_C		
VehDyn AutoCntrLoSpd, M. str. Filter2Initialized_Cnt_lge         1           VehDyn, ForceCenterEnabled, Cnt, M. lgc         1           VehDyn, ForceCenterOffset_HwDeg M. f32         1500.22998           VehDyn, Initialize_Cnt_M. lgc         1           VehDyn, Initialize_Cnt_M. lgc         1           VehDyn, LoSpd. Learnt_Cnt_M. lgc         1           VehDyn, MinOffset_HwDeg_M. f32         1013.12598           VehDyn, MinOffset_HwDeg_M. f32         576.91803           VehDyn, PinTrqSV_M. str. SV_Uls_f32         17.7999992           VehDyn, PinTrqSV_M. str. K. Uls_f32         0.000451           VehDyn, SLPHwAuth_Uls_M. f32         0.884000003           VehDyn_SLPHwAuth_Uls_M. f32         0.884000003           VehDyn_SLPHwAuth_Uls_f32         0.884000003           VehDyn_StHHwAgVidTimer_mS_M. u32         2942063360           VehDyn_StHDWAgVidTimer_mS_M. u32         20999999           V_LoSpdVDAuthority_Uls_f32         1           V_LoSpdVDAuthority_Uls_f32         1           V_LoSpdVDAuthority_Uls_f32         1           V_SyskinRatio_MtrDegpHwDeg_f32         78.4000015           V_TraveIXCDeadband_Uls_f32         36.3400002           V_TraveIXCHwAuthority_Uls_f32         0.173425004           Target_RibgspedTime_mS_u32_CurrentTime         4178051584		
VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset_HwDeg_M_f32         -1500.22998           VehDyn_HiSpdLeamt_Cnt_M_lgc         1           VehDyn_LiSpdLeamt_Cnt_M_lgc         1           VehDyn_LoSpdLeamt_Cnt_M_lgc         1           VehDyn_MaxOffset_HwDeg_M_f32         1013.12598           VehDyn_MinOffset_HwDeg_M_f32         -576.91803           VehDyn_PinTrqSV_M_str.SV_Uls_f32         17.7999992           VehDyn_PinTrqSV_M_str.SV_Uls_f32         0.000451           VehDyn_StrHwDeg_M_f32         -265.609985           VehDyn_StPhwOeg_M_f32         -265.609985           VehDyn_StHWPos_HwDeg_M_f32         2842063360           V_HSpdVDAuthority_Uls_f32         0           V_HSpdVDAuthority_Uls_f32         1           V_LoSpdVDAuthority_Uls_f32         1           V_LoSpdVDAuthority_Uls_f32         1           V_SyskinRatio_MtrDeghtwDeg_f32         78.400015           V_TravelXCHwAuthority_Uls_f32         1           V_TravelXCHwAuthority_Uls_f32         1           V_TravelXCHwAuthority_Uls_f32         1           V_TravelXCHwAuthority_Uls_f32         1           V_TravelXCHwAuthority_Uls_f32         1           V_TravelXCHwAuthority_Uls_f32         1           V_Travel		
VehDyn_ForceCenterOffset_HwDeg_M_f32         -1500.22998           VehDyn_HiSpdLeamt_Cnt_M_lgc         1           VehDyn_Lintialize_Cnt_M_lgc         1           VehDyn_LoSpdLeamt_Cnt_M_lgc         1           VehDyn_MaxOffset_HwDeg_M_f32         1013.12598           VehDyn_MinOffset_HwDeg_M_f32         -576.91803           VehDyn_PinTrqSV_M_str.SV_Uis_f32         17.799992           VehDyn_PinTrqSV_M_str.SV_Lis_f32         0.000451           VehDyn_SLPHwPos_HwDeg_M_f32         -285.609985           VehDyn_SLPHwPos_HwDeg_M_f32         -285.609985           VehDyn_SLPHwPos_HwBeg_M_f32         -2942063360           VehDyn_SthwAgyVGTime_mS_M_u32         2942063360           V_HSpdVDAuthority_Uis_f32         1           V_LoSpdVDAuthority_Uis_f32         1           V_LoSpdVDAuthority_Uis_f32         1           V_SysKinRatio_MtrDegpHwDeg_f32         78.4000015           V_TraveIXCDeadband_Uis_f32         36.3400002           V_TraveIXCHwAuthority_Uis_f32         10.173425004           target_Reg_Call_Ap_VehDyn_SystemTime_CelfystemTime_mS_u32_ElapsedTime         402713344           target_Reg_Call_Ap_VehDyn_SystemTime_CelfystemTime_mS_u32_ElapsedTime         4027136208           target_Reg_Call_Ap_VehDyn_SystemTime_CelfystemTime_mS_u32_ElapsedTime         4178051584		
VehDyn_HispdLearnt_Cnt_M_lgc         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         1           VehDyn_MxOffset_HwDeg_M_f32         1013.12598           VehDyn_MinOffset_HwDeg_M_f32         -576.91803           VehDyn_PinTrqSV_M_str.K_Uls_f32         1.77999992           VehDyn_StrHwAuth_Uls_M_f32         0.000451           VehDyn_StPHwAuth_Uls_M_f32         0.884000003           VehDyn_StPHwApt_Huls_M_f32         2942063360           VehDyn_StPHWPos_HwDeg_M_f32         2942063360           VehDyn_StPHWPos_Huls_f32         0           VehDyn_StPHWAptIntimer_mS_M_u32         2.0999999           VehDyn_StPHWAptIntimer_mS_u32         1           Vender Mayor Mintimer_mS_u32         1           Vender Mayor Mintimer_mS_u32_LalpsedTime_mS_u32_LalpsedTime_mS_u32_LalpsedTime_mS_u32_LalpsedTime_mS_u32_LalpsedTime_mS_u32_LalpsedTime_mS_u32_LalpsedTime_mS_u32_CurrentTime_target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_CurrentTime_target_Rte_Call_Ap_VehDyn_Syste		
VehDyn_Initialize_Cnt_M_lgc         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         1           VehDyn_MaxOffset_HwDeg_M_f32         1013.12598           VehDyn_MinOffset_HwDeg_M_f32         576.91803           VehDyn_PinTqSV_M_str.K_Uls_f32         17.7999992           VehDyn_PinTqSV_M_str.K_Uls_f32         0.000451           VehDyn_SLPHwPos_HwDeg_M_f32         0.884000003           VehDyn_SLPHwPos_HwDeg_M_f32         -265.609985           VehDyn_SrlHwAgVIdTimer_mS_M_u32         2942063360           V_HSTAN_HWAGWIdTimer_mS_M_u32         2942063360           V_HSTAN_HWAGWIdTIThd_HwNm_f32         2.0999999           V_LOSPQVDAuthority_Uls_f32         1           V_LOSPQVDAUTHORITY_Uls_f32 <td></td> <td></td>		
VehDyn_LospdLeamt_Cnt_M_lgc         1           VehDyn_MaxOffset_HwDeg_M_f32         1013.12598           VehDyn_MinOffset_HwDeg_M_f32         -576.91803           VehDyn_PinTrqSV_M_str.SV_Uls_f32         17.7999992           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000451           VehDyn_SLPHwAuth_Uls_M_f32         0.884000003           VehDyn_SLPHwPos_HwDeg_M_f32         -265.609985           VehDyn_SrlHwAgVldTimer_mS_M_u32         2942063360           VehDyn_SrlHwAgVldTimer_MS_M_u32         0           k_HiSpdVDAuthority_Uls_f32         0           k_LiSpdVDAuthority_Uls_f32         1           k_SgrkinRatio_MtrDegpHwDeg_f32         1           k_SyskinRatio_MtrDegpHwDeg_f32         78.4000015           k_TravelXCDeadband_Uls_f32         36.3400002           k_TravelXCHwAuthority_Uls_f32         0.173425004           target_DtmmElapsedTime_mS_u32_CurrentTime         2127166208           target_Re_Cell_Ap_VehDyn_SystemTime_DtmmElapsedTime_mS_u32_ElapsedT         4178051584           target_Ret_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         2127166208           target_Ret_Inst_Ap_VehDyn_NehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Ret_Inst_Ap_VehDyn_NehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_LwTorque_HwNm_f32         target_VehDyn_Per1_HwTorq		
VehDyn_MaxOffset_HwDeg_M_f32         1013.12598           VehDyn_PinTrqSV_M_str.SV_Uis_f32         -576.91803           VehDyn_PinTrqSV_M_str.SV_Uis_f32         17.7999992           VehDyn_PinTrqSV_M_str.SV_Uis_f32         0.000451           VehDyn_SLPHwAuth_Uis_M_f32         0.884000003           VehDyn_SLPHwPos_HwDeg_M_f32         -265.609985           VehDyn_SrithwAgVIdTimer_mS_M_u32         2942063360           VehDyn_SrithwAgVIdTimer_mS_M_u32         0           K_HiSpdVDAuthority_Uis_f32         0           k_HwTqMgnThd_HwMm_f32         2.0999999           k_LoSpdVDAuthority_Uis_f32         1           k_SysKinRatio_MtrDegpHwDeg_f32         763           k_SysKinRatio_MtrDegpHwDeg_f32         78.4000015           k_TravelXCDeadband_Uis_f32         36.3400002           k_TravelXCHwAuthority_Uis_f32         0.173425004           target_DtrmnElapsedTime_mS_u32_ElapsedTime         402713344           target_Rel_call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime         2127166208           target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         247066336           target_Rte_lost_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rte_lnst_Ap_VehDyn,VehDyn_Per1_HwTorque_HwNm_f32         target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32         t	,	
VehDyn_MinOffset_HwDeg_M_f32         -576.91803           VehDyn_PinTrqSV_M_str.SV_UIs_f32         17.7999992           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.000451           VehDyn_SLPHwAuth_UIs_M_f32         0.884000003           VehDyn_SLPHwPos_HwDeg_M_f32         -265.609985           VehDyn_SI-HwAgVldTimer_mS_M_u32         2942063360           k_HiSpdVDAuthority_UIs_f32         0           k_LoSpdVDAuthority_UIs_f32         1           k_SriHwAgVldTimd_mS_u32         1           k_SriHwAgVldTimd_mS_u32         703           k_SysKinRatio_MtrDegpHwDeg_f32         78.4000015           k_TraveIXCDeadband_UIs_f32         36.3400002           k_TraveIXCHwAuthority_UIs_f32         0.173425004           target_DtmmcElapsedTime_mS_u32_ElapsedTime         402713344           target_DtmmcElapsedTime_mS_u32_CurrentTime         2127166208           target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime         4178051584           target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotoryleCRF_MtrRadpS_f32         target_VehDyn_Per1_Mtrorque_HwNm_f32         target_VehDyn_Per1_Mtrorque_HwNm_f32         target_VehDyn_Per1_Mtrorque_HwD		
VehDyn_PinTrqSV_M_str.SV_Uls_f32         17.7999992           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000451           VehDyn_SLPHwAuth_Uls_M_f32         0.884000003           VehDyn_SLPHwPos_HwDeg_M_f32         -265.609985           VehDyn_SrlHwAgVldTimer_mS_M_u32         2942063360           k_HiSpdVDAuthority_Uls_f32         0           k_HwTqMgnThd_HwNm_f32         2.0999999           k_LoSpdVDAuthority_Uls_f32         1           k_SfiHwAgVldTiThd_mS_u32         703           k_SyskinRatio_lmtrDegpHwDeg_f32         78.4000015           k_TravelXCDeadband_Uls_f32         78.4000002           k_TravelXCHwAuthority_Uls_f32         0.173425004           k_TravelXCHwAuthority_Uls_f32         0.173425004           target_DtmnElapsedTime_mS_u32_ElapsedTime         402713344           target_Re_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime         4178051584           target_Re_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         2942063360           target_Re_lnst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Re_lnst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Re_lnst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32         target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32           target_Re_lnst_Ap_VehDyn_V	,	
VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000451           VehDyn_SLPHwAuth_Uls_M_f32         0.884000003           VehDyn_SrlHwAgVIdTimer_mS_M_u32         -265.609985           VehDyn_SrlHwAgVIdTimer_mS_M_u32         2942063360           k_HiSpdVDAuthority_Uls_f32         0           k_HwTqMgnTrbd_HwMm_f32         2.0999999           k_LoSpdVDAuthority_Uls_f32         1           k_SrlHwAgVIdTiThd_mS_u32         703           k_SyskinRatio_MtrDeghHwDeg_f32         78.4000015           k_TravelXCDeadband_Uls_f32         36.3400002           k_TravelXCHwAuthority_Uls_f32         0.173425004           target_DtmnElapsedTime_mS_u32_CurrentTime         402713344           target_Rte_Call_Ap_VehDyn_SystemTime_DtmnElapsedTime_mS_u32_ElapsedTime         402713344           target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         2127166208           target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         2427063360           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32         target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32         target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32           target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32         target_VehDyn		
VehDyn_SLPHwAuth_Uls_M_f32         0.884000003           VehDyn_SrlHwAgVldTimer_mS_M_u32         -265.609985           VehDyn_SrlHwAgVldTimer_mS_M_u32         2942063360           k_HispdVDAuthority_Uls_f32         0           k_LoSpdVDAuthority_Uls_f32         2.0999999           k_LoSpdVDAuthority_Uls_f32         1           k_SrlHwAgVldTiThd_mS_u32         703           k_SyskinRatio_MtrDepHwDeg_f32         78.4000015           k_TravelXCDeadband_Uls_f32         36.3400002           k_TravelXCHwAuthority_Uls_f32         0.173425004           target_DtrmnElapsedTime_mS_u32_ElapsedTime         402713344           target_Re_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime         2127166208           target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         4178051584           target_Rte_Inst_Ap_VehDyn_VystemTime_GetSystemTime_mS_u32_CurrentTime         42942063360           target_Rte_Inst_Ap_VehDyn_Per1_CcwEOT_HwDeg_f32         target_VehDyn_Per1_CcwEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn_Per1_HwTorque_HwMm_f32         target_VehDyn_Per1_HwTorque_HwNm_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32         target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32           target_VehDyn_Per1_RelHwPos_HwDeg_f32         target_VehDyn_Per1_RelHwPos_HwDeg_f32		
VehDyn_SLPHwPos_HwBeg_M_f32         -265.609985           VehDyn_SriHwAgVldTimer_mS_M_u32         2942063360           k_HiSpdVDAuthority_UIs_f32         0           k_HwTqMgnThd_HwNm_f32         2.0999999           k_LoSpdVDAuthority_UIs_f32         1           k_SrlHwAgVldTiThd_mS_u32         703           k_SyskinRatio_MtrDegpHwDeg_f32         78.4000015           k_TravelXCDeadband_UIs_f32         36.3400002           k_TravelXCHwAuthority_UIs_f32         0.173425004           target_DtrmnElapsedTime_mS_u32_ElapsedTime         402713344           target_Reget_Reget_Reget_Reget_SystemTime_mS_u32_CurrentTime         2127166208           target_Reget_Reget_Reget_Ap_VehDyn_SystemTime_DetrmnElapsedTime_mS_u32_ElapsedTime         4178051584           target_Reget_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         2942063360           target_Reget_Reget_NebDyn_VehDyn_Per1_CowEOT_HwDeg_f32         target_VehDyn_Per1_CowEOT_HwDeg_f32           target_Reget_NebDyn_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32         target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32           target_Reget_NebDyn_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32         target_VehDyn_Per1_RelHwPos_HwDeg_f32           target_VehDyn_Per1_RelHwPos_HwDeg_f32         target_VehDyn_Per1_RelHwPos_HwDeg_f32		
VehDyn_SrlHwAgVldTimer_mS_M_u32         2942063360           k_HiSpdVDAuthority_Uls_i32         0           k_HwTqMgnThd_HwNm_f32         2.0999999           k_LoSpdVDAuthority_Uls_i32         1           k_SrlHwAgVldTiThd_mS_u32         703           k_SysKinRatio_MtrDegpHwDeg_f32         78.4000015           k_TravelXCDeadband_Uls_i32         36.3400002           k_TravelXCHwAuthority_Uls_i32         0.173425004           target_DtrmnElapsedTime_mS_u32_ElapsedTime         402713344           target_GetSystemTime_mS_u32_CurrentTime         2127166208           target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT         2178051584           target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         2942063360           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32         target_VehDyn_Per1_CcwEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVeiCRF_MtrRadpS_f32         target_VehDyn_Per1_MotorVeiCRF_MtrRadpS_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32         target_VehDyn_Per1_RelHwPos_HwDeg_f32	·	
k_HiSpdVDAuthority_UIs_f32 k_LoSpdVDAuthority_UIs_f32 k_LoSpdVDAuthority_UIs_f32 t_K_SriHwAgVldTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32 k_TravelXCDeadband_UIs_f32 carget_Rte_Call_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32		
k_HwTqMgnThd_HwNm_f32 k_LoSpdVDAuthority_Uls_f32 k_SrlHwAgVldTiThd_mS_u32 t_SysKinRatio_MtrDegpHwDeg_f32 t_TravelXCDeadband_Uls_f32 t_TravelXCHwAuthority_Uls_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTtarget_Rte_Inst_Ap_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32		
k_LoSpdVDAuthority_Uls_f32 k_SrlHwAgVldTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32 k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTitarget_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_NehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32	- · · · · · · · · · · · · · · · · · · ·	l'
k_SrIHwAgVIdTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32 k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32 dtarget_DtrmnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTitarget_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32	<_HwTqMgnThd_HwNm_f32	2.0999999
k_SysKinRatio_MtrDegpHwDeg_f32 k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTitarget_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_lnst_Ap_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32	<_LoSpdVDAuthority_Uls_f32	
k_TravelXCDeadband_Uls_f32 36.3400002 k_TravelXCHwAuthority_Uls_f32 0.173425004 target_DtrmnElapsedTime_mS_u32_ElapsedTime 402713344 target_GetSystemTime_mS_u32_CurrentTime 2127166208 target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTitarget_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 2942063360 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per	<_SrlHwAgVldTiThd_mS_u32	703
k_TravelXCHwAuthority_Uls_f32	<_SysKinRatio_MtrDegpHwDeg_f32	78.4000015
target_DtrmnElapsedTime_mS_u32_ElapsedTime  target_GetSystemTime_mS_u32_CurrentTime  target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi  target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32  target_VehDyn_Per1_RelHwPos_HwDeg_f32  target_VehDyn_Per1_RelHwPos_HwDeg_f32  target_VehDyn_Per1_RelHwPos_HwDeg_f32	<_TravelXCDeadband_Uls_f32	36.3400002
target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32	<_TravelXCHwAuthority_Uls_f32	0.173425004
target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32	arget_DtrmnElapsedTime_mS_u32_ElapsedTime	402713344
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTitarget_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime		2127166208
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32	arget_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime mS u32 ElapsedT	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32	·	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32		
	target_Rte_Inst_Ap_vehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_inst_Ap_veribyii.veribyii.rei1_serisoriessAutrioniy_ois_i32  target_Veribyii.rei1_serisoriessAutrioniy_ois_i32  target_Veribyii.rei1_serisoriessAutrioniy_ois_i32  target_Veribyii.rei1_serisoriessAutrioniy_ois_i32		
target_Rte_inst_Ap_venDyn_venDyn_Per1_SensonessnwPos_nwDeg_is2  target_venDyn_Per1_SensonessnwPos_nwDeg_is2  target_venDyn_Per1_SensonessnwPos_nwDeg_is2  target_venDyn_Per1_SensonessnwPos_nwDeg_is2		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_VehDyn_VehDyn_Per1_TorgueCmdCPE_MtrNm_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_VehDyn_VehDyn_VehDyn_Per1_VehicleSpeedVelid_Cot_leg		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -630.609985	.arget_veribyi1_Peri1_CcwEO1_Hwbeg_i32.value	-030.009903





News	Inmust Value		
Name	Input Value		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1255.01099		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-3.79999995		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.549988		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	703.02002		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-265.609985		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.4000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	398.119995		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2127166208	2127166208	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476707	3589476707	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	703.02002	703.02002 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	703.02002	703.02002 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024	1024	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476707	3589476707	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	703.02002	703.02002 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	703.02002	703.02002 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024	1024	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476707	3589476707	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	703.02002	703.02002 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	703.02002	703.02002 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	551.990967	551.991028	~
VehDyn_MinOffset_HwDeg_M_f32	-576.91803	-576.91803	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.790226	17.7902279 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2942063360	2942063360	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600	1600 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.134 (Repeat Count = 1)	🗸
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	600
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	18774
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	16088
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	829.530029

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000898000028
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	829.530029
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000898000028
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	539
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	156.5
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3.2000005
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	78.1999969
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	34738 36612
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	829.530029
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000698000018
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	829.530029
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000387999986
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	539.099976
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	216.100006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1.10000002
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.099985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	10412
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3277
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrl_oSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	829.530029 6.93999973e-005
VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32	829.530029
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000898000028
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1400.31995
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1018.11798
VehDyn_MinOffset_HwDeg_M_f32	-570.234009
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-7
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000452000007
VehDyn_SLPHwAuth_Uls_M_f32	0.86500001
VehDyn_SLPHwPos_HwDeg_M_f32	-255.350006
VehDyn_SrlHwAgVIdTimer_mS_M_u32	4077829376
k_HiSpdVDAuthority_Uls_f32 k_HwTqMgnThd_HwNm_f32	3.0999999
k LoSpdVDAuthority Uls f32	3.0999999
k_SrlHwAgVIdTiThd_mS_u32	9000
k_SysKinRatio_MtrDegpHwDeg_f32	96.099985
k TravelXCDeadband Uls f32	35.3100014
k_TravelXCHwAuthority_Uls_f32	0.174649999
target DtrmnElapsedTime mS u32 ElapsedTime	4178051584
target_GetSystemTime_mS_u32_CurrentTime	4243378688
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
	target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc





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Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleS	Speed_Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-624.349976		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1249.44202		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.0999999		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	829.530029		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-255.350006		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	489.019989		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322	54822322	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682	3796740682	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	829.530029	829.530029 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	829.530029	829.530029 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4243378688	4243378688	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682	3796740682	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	829.530029	829.530029 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	829.530029	829.530029 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4243378688	4243378688	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682	3796740682	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	829.530029	829.530029 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	829.530029	829.530029 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	419.911987	419.911987	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-570.234009	-570.234009	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-6.99865341	-6.99865341 ± 0.000009	<b>✓</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	4077829376	4077829376	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.86500001	0.86500001 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	574.180054	574.179993 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.135 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.399994
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.399994
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.39999962
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	41.4000015
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25496

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	109643620
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004656
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000899999985
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000899999985
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	580.5
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	126
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.19999981
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	37799
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	41632
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	109643620
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000699999975
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.Sv_Uis_f32	0.000391999987
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_igc  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	580.299988
	156.300003
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	2.2999995
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	42.2999992
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	16683
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22497
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	109643620
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004656
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.95999988e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000899999985
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1300.41003
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-1023.10999
VehDyn_MinOffset_HwDeg_M_f32	-563.549988
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.30000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000452999986
VehDyn_SLPHwAuth_Uls_M_f32	0.846000016
VehDyn_SLPHwPos_HwDeg_M_f32	-245.089996
VehDyn_SrlHwAgVldTimer_mS_M_u32	1117112832
k_HiSpdVDAuthority_Uls_f32	0
k_HwTqMgnThd_HwNm_f32	4.0999999
k_LoSpdVDAuthority_UIs_f32	1
k_SrlHwAgVldTiThd_mS_u32	1000
k_SysKinRatio_MtrDegpHwDeg_f32	32.2999992
k_TravelXCDeadband_Uls_f32	34.2799988
k_TravelXCHwAuthority_Uls_f32	0.175874993
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4077829376
target_GetSystemTime_mS_u32_CurrentTime	1050692864
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCr	mdCRF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSp	peedValid_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSp	peed_Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-618.090027		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1243.87305		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.4000001		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.840027		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1123.40002		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-245.089996		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.5		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	500.980011		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1050692864	1050692864	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	109643620	109643620	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656	4004004656	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	109643620	109643620	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004656	4004004656	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1243.87305	1243.87305	~
VehDyn_MinOffset_HwDeg_M_f32	-618.090027	-618.090027	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.29517412	6.29517412 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1117112832	1117112832	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.846000016	0.846000016 ± 0.004	~
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	878.310059	878.309998 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 ChecknointReached	1	_

Test Step 2.136 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	9.10000038
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	226.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.099999

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	53.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21364
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	60000
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-6.48000002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-6.4800002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00091599999
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	100.5
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	206
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7.4000001
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	85.5
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-6.48000002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00071599998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-6.48000002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000423999998
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	100.300003
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	236.300003
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.30000019
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32.2999992
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	20423
VehDyn_AutoCntrloSpd_M_str.Timer2Thresh_mS_u16	31368 2553156835
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-6.48000002
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV_HwDeg_str.K Uls f32	7.11999965e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-6.48000002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00091599999
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	-501.130005
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-1063.04602
VehDyn_MinOffset_HwDeg_M_f32	-510.078003
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000460999989
VehDyn_SLPHwAuth_Uls_M_f32	0.694000006
VehDyn_SLPHwPos_HwDeg_M_f32	-163.009995
VehDyn_SrlHwAgVldTimer_mS_M_u32	2127166208
k_HiSpdVDAuthority_UIs_f32	0
k_HwTqMgnThd_HwNm_f32	6.32000017
k_LoSpdVDAuthority_UIs_f32	1
k_SrlHwAgVldTiThd_mS_u32	987
k_SysKinRatio_MtrDegpHwDeg_f32 k_TravelXCDeadband_Uls_f32	96.4000015 26.0400009
k_TravelXCDeadoand_Ois_f32 k_TravelXCHwAuthority_Uls_f32	0.185674995
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2942063360
target_GetSystemTime_mS_u32_CurrentTime	2659241984
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target VehDyn Per1 CcwEOT HwDeg f32
	J ,
	target VehDyn Per1 CwEOT HwDeq f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_	Uls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_H	wDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mtr	Nm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_0	Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f	32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-568.01001		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1199.32104		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-6.80000019		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	88.8799973		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-6.48000002		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-163.009995		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.8999998		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	52.4399986		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2659241984	2659241984	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-6.48000002	-6.48000002 ± 0.000009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-6.48000002	-6.48000002 ± 0.000009	
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt Igc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1	1	_
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	_
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	2553156835	2553156835	_
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809	2760420809	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-6.48000002	-6.48000002 ± 0.00009	_
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-6.48000002	-6.48000002 ± 0.000009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	_
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	1	1	_
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	0	0	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835	2553156835	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809	2760420809	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-6.48000002	-6.48000002 ± 0.000009	_
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-6.48000002	-6.48000002 ± 0.000009	
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc	1	1	_
VehDyn HiSpdLearnt Cnt M Igc	1	1	_
VehDyn Initialize Cnt M Igc	1	1	
VehDyn LoSpdLearnt Cnt M Igc	1	1	_
VehDyn MaxOffset HwDeg M f32	1199.32104	1199.32104	
VehDyn_MinOffset_HwDeg_M_f32	-568.01001	-568.01001	_
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1.60240626	-1.60240626 ± 0.000009	
VehDyn SrlHwAgVldTimer mS M u32	2127166208	2127166208	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	494.649994	494.649994 ± 0.1	<b>~</b>
V ,			

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	•
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte Call VehDyn Per1 CP1 ChecknointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	_

T + 0+ 0 + 07 (B + + 0 + + 1)		
Test Step 2.137 (Repeat Count = 1)		~
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime	
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	570.5	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.5
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	7.5
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	32.099985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	34738
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36612
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-913.679993
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000885999994
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-913.679993
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000885999994
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	350
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96.1999969
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	42.2000008
	53759
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	18715
VehDyn_AutoCntrHiSpd_M_str.Timer2Tnresn_mS_uTo VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3382212733
	2553156835
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	-913.679993
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.Sv_Uis_f32  VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K_Uis_f32	0.000685999985
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K_Uis_f32  VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-913.679993
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000364000007
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	350.899994
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156.899994
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.9000001
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.9000015
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	34188
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-913.679993
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.82000027e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-913.679993
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000885999994
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0
VehDyn ForceCenterEnabled Cnt M Igc	1
VehDyn ForceCenterOffset HwDeg M f32	1197.33997
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Igc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	988.166016
VehDyn_MinOffset_HwDeg_M_f32	-610.338013
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.4000001
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000445999991
VehDyn_SLPHwAuth_Uls_M_f32	0.978999972
VehDyn_SLPHwPos_HwDeg_M_f32	-316.910004
VehDyn_SrlHwAgVldTimer_mS_M_u32	2644937728
k_HiSpdVDAuthority_UIs_f32	1
k_HwTqMgnThd_HwNm_f32	1.10000002
k_LoSpdVDAuthority_Uls_f32	0.779999971
k_SrlHwAgVldTiThd_mS_u32	1385
k_SysKinRatio_MtrDegpHwDeg_f32	12.1000004
k_TravelXCDeadband_Uls_f32	41.4900017
k_TravelXCHwAuthority_UIs_f32	0.167300001
target_DtrmnElapsedTime_mS_u32_ElapsedTime	569984000
target_GetSystemTime_mS_u32_CurrentTime	3437401088
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Call_Ap_VehDyn_System** line_GetSystem** line_ins_usz_current** line target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
	target_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCR	RF_MtrRadpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessA	Authority_Uls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessH	HwPos_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld	_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_H	wDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmd	CRF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpee	edValid_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpee	ed_Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-661.909973		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1282.85596		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-2.29999995		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-418.660004		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-913.679993		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target VehDyn Per1 SrlHwAg HwDeg f32.value	-316.910004		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target VehDyn Per1 VehicleSpeed Kph f32.value	42.9199982		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733	3382212733	_
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	2553156835	2553156835	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-913.679993	-913.679993 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-913.679993	-913.679993 ± 0.0009	
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	_
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	_
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3437401088	3437401088	<b>v</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835	2553156835	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-913.679993	-913.679993 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-913.679993	-913.679993 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>v</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3437401088	3437401088	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835	2553156835	_
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-913.679993	-913.679993 ± 0.0009	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-913.679993	-913.679993 ± 0.0009	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	· ·
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	J
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>V</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	
VehDyn_MaxOffset_HwDeg_M_f32	1282.85596	1282.85596	
VehDyn_MinOffset_HwDeg_M_f32	-661.909973	-661.909973	
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.39843702	-5.39843702 ± 0.000009	
VehDyn_SrlHwAgVldTimer_mS_M_u32	2644937728	-5.39843702 ± 0.000009	-
target VehDyn Per1 SensorlessAuthority Uls f32.value	1	1 ± 0.004	
target_ventbytt_reri_densoniessAuthority_dis_i32.value	1	1 ± 0.004	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Pte Call VehDyn Per1 CP1 ChecknointPeached	1	Pto Call VehDun Per1 CP1 ChecknointPeached	1	-

-1600 ± 0.1

-1600

Test Step 2.138 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime

target\_VehDyn\_Per1\_SensorlessHwPos\_HwDeg\_f32.value

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Name	Input Value
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	211.5
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	255
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.5
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.5
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21364
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	52716
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000877999992
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-157.490005
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000877999992
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoChtrDetSpd_M_str.Filter2Initialized_Cht_lgc	0
7 - 7	66.1999969
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	18.2000008
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	88.5
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	30404
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	30349
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-157.490005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000677999982
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-157.490005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000348000001
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1.
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	66.5
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	116.5
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.5
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	54.5
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53759
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	18715
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835
	4290967295
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	-157.490005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 /ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.73999966e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-157.490005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000877999992
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_ForceCenterEnabled_Cnt_M_lgc	0
/ehDyn_ForceCenterOffset_HwDeg_M_f32	797.700012
/ehDyn_HiSpdLearnt_Cnt_M_lgc	0
/ehDyn_Initialize_Cnt_M_lgc	0
/ehDyn_LoSpdLearnt_Cnt_M_lgc	0
/ehDyn_MaxOffset_HwDeg_M_f32	968.197998
/ehDyn_MinOffset_HwDeg_M_f32	-637.073975
/ehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000002
/ehDyn_PinTrqSV_M_str.K_Uls_f32	0.00044199999
/ehDyn_SLPHwAuth_Uls_M_f32	0.947000027
/ehDyn_SLPHwPos_HwDeg_M_f32	-357.950012
/ehDyn_SrlHwAgVldTimer_mS_M_u32	5477
:_HiSpdVDAuthority_Uls_f32	0.5
(_HwTqMgnThd_HwNm_f32	1
C_LoSpdVDAuthority_Uls_f32	0
c_SrlHwAgVldTiThd_mS_u32	12
x_SysKinRatio_MtrDegpHwDeg_f32	75.4000015
x_TravelXCDeadband_Uls_f32	45.6100006
x_TraveIXCHwAuthority_UIs_f32	0.162400007
arget_DtrmnElapsedTime_mS_u32_ElapsedTime	2108719104
arget_GetSystemTime_mS_u32_CurrentTime	2659241984

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Name	Input Value		
target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime	•		
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	- 3	
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAg HwDeg f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeedValid Cnt Igc	target_VehDyn_Per1_VehicleSpeedValid_C		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target VehDyn Per1 VehicleSpeed Kph f3		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-686.950012	_	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1305.13196		
target VehDyn Per1 HwTorque HwNm f32.value	-1.10000002		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.440002		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-157.490005		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-357.950012		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.9000001		
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230.039993		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	- Court
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2553156835	2553156835	V
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295	4290967295	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-157.490005	-157.490005 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	-
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2659241984	2659241984	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295	4290967295	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-157.490005	-157.490005 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-157.490005	-157.490005 ± 0.0009	-
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrloSpd_M_str.Timer1_mS_u32	2659241984	2659241984	
VehDyn_AutoCntrLoSpd_M_str.Timer1_m3_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295	4290967295	
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-157.490005	-157.490005 ± 0.0009	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-157.490005	-157.490005 ± 0.0009	-
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>V</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	
VehDyn LoSpdLearnt Cnt M Igc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	1305.13196	1305.13196	-
VehDyn MinOffset HwDeg M f32	-686.950012	-686.950012	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.59980774	-1.59980774 ± 0.000009	
VehDyn_SrlHwAgVIdTimer_mS_M_u32	5477	5477	
target VehDyn Per1 SensorlessAuthority Uls f32.value	0.947000027	0.947000027 ± 0.004	-
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-515.440002	-515.440002 ± 0.1	•
0 _			

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 CheckpointReached	1	•



st Step 2.139 (Repeat Count = 1)  me  nnElapsedTime_mS_u32(ElapsedTime)  SystemTime_mS_u32(CurrentTime)  _Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)  _Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)  _Inst_Ap_VehDyn  Dyn_AllowHiSpdAutoCntr_Cnt_M_lgc  _Dyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  _Dyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  _Dyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  _Dyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  _Dyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  _Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  _Dyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u32  _Dyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u32  _Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  _Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  _Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  _Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  _Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	Input Value  target_DtrmnElapsedTime_mS_u32_ElapsedTime  target_GetSystemTime_mS_u32_CurrentTime  target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime  target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime  target_Rte_Inst_Ap_VehDyn  1  700 255 20 100 60000 60000 60000 4294967295 4294967295 1600
nnElapsedTime_mS_u32(ElapsedTime)  SystemTime_mS_u32(CurrentTime)  _Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)  _Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)  _Inst_Ap_VehDyn  _Dyn_AllowHiSpdAutoCntr_Cnt_M_Igc  _Dyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  _Dyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  _Dyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  _Dyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  _Dyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  _Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  _Dyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  _Dyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  _Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  _Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  _Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	target_DtrmnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn 1 700 255 20 100 60000 60000 60000 4294967295
SystemTime_mS_u32(CurrentTime)  _Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)  _Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)  _Inst_Ap_VehDyn  _Dyn_AllowHiSpdAutoCntr_Cnt_M_Igc  _Dyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  _Dyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  _Dyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  _Dyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  _Dyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  _Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  _Dyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  _Dyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  _Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  _Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  _Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  _Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn 1 700 255 20 100 60000 60000 4294967295 4294967295
_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime) _Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime) _Inst_Ap_VehDyn _Dyn_AllowHiSpdAutoCntr_Cnt_M_Igc _Dyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 _Dyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 _Dyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 _Dyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 _Dyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 _Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 _Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32 _Dyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 _Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 _Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 _Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 _Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn 1 700 255 20 100 60000 60000 4294967295 4294967295
_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime) _Inst_Ap_VehDyn  Dyn_AllowHiSpdAutoCntr_Cnt_M_Igc  Dyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  Dyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  Dyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  Dyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  Dyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32  Dyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn 1 700 255 20 100 60000 60000 4294967295 4294967295
Inst_Ap_VehDyn  Dyn_AllowHiSpdAutoCntr_Cnt_M_Igc  Dyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  Dyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  Dyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  Dyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  Dyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32  Dyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	target_Rte_Inst_Ap_VehDyn 1 700 255 20 100 60000 60000 4294967295 4294967295
Dyn_AllowHiSpdAutoCntr_Cnt_M_lgc     Dyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32     Dyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32     Dyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32     Dyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32     Dyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16     Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16     Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32     Dyn_AutoCntrDetSpd_M_str.Timer2_mS_u32     Dyn_AutoCntrDetSpd_M_str.Timer2_mS_u32     Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32     Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32     Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32     Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32     Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1 700 255 20 100 60000 60000 4294967295 4294967295
Dyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  Dyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  Dyn_AutoCntrDetSpd_M_str.FiitPinTrq_HwNm_f32  Dyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  Dyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32  Dyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  Dyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32  Dyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32  Dyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32	700 255 20 100 60000 60000 4294967295 4294967295
Dyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  Dyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  Dyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  Dyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32  Dyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	20 100 60000 60000 4294967295 4294967295
Dyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  Dyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  Dyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  Dyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  Dyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  Dyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	100 60000 60000 4294967295 4294967295
Dyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 Dyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 Dyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	60000 60000 4294967295 4294967295
Dyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 Dyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 Dyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	60000 4294967295 4294967295
Dyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 Dyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	4294967295 4294967295
Dyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	4294967295
Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	
Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
Dyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	
	0.00125584786
	1600
	0.00125584786
Dyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
Dyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	
Dyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
Dyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  Dyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	700
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.Dyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 .Dyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	255
Dyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	100
Dyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	60000
Dyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	60000
Dyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4294967295
Dyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4294967295
Dyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1600
Dyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584786
Dyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
Dyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584786
Dyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
Dyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
Dyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
Dyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
Dyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	700
Dyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	255
Dyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	20
Dyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	100
Dyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	60000
Dyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	60000
Dyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 Dyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295
Dyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	4294967295 1600
Dyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.00125584786
Dyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1600
Dyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.00125584786
Dyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
Dyn AutoCntrLoSpd M str.Filter2Enable Cnt lgc	1
Dyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
Dyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
Dyn_ForceCenterEnabled_Cnt_M_lgc	1
Dyn_ForceCenterOffset_HwDeg_M_f32	1600
Dyn_HiSpdLearnt_Cnt_M_lgc	1
Dyn_Initialize_Cnt_M_lgc	1
Dyn_LoSpdLearnt_Cnt_M_lgc	1
Dyn_MaxOffset_HwDeg_M_f32	1440.10999
Dyn_MinOffset_HwDeg_M_f32	2840
Dyn_PinTrqSV_M_str.SV_UIs_f32	18.7999992
Dyn_PinTrqSV_M_str.K_Uls_f32	0.00125584786
Dyn_SLPHwAuth_Uls_M_f32	1
Dyn_SLPHwPos_HwDeg_M_f32	1600
Dyn_SrlHwAgVldTimer_mS_M_u32	4294967295
iSpdVDAuthority_Uls_f32	1
wTqMgnThd_HwNm_f32	10
oSpdVDAuthority_Uls_f32 rlHwAgVldTiThd_mS_u32	1 100000
ysKinRatio_MtrDegpHwDeg_f32	100





Name	Input Value		
k_TravelXCDeadband_Uls_f32	100		
k_TravelXCHwAuthority_Uls_f32	1		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4294967295		
target_GetSystemTime_mS_u32_CurrentTime	4294967295		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_ElapsedT$	4294967295		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u332\_CurrentTime\_$	4294967295		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRac	lpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	Jls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	Nm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_C	nt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-360		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1440.10999		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	10		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1118		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1600		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	1600		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	511		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4294967295	4294967295	<b>✓</b>
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	4294967295	4294967295	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600	1000 + 0.000	
	1000	1600 ± 0.009	<b>✓</b>
	1600	1600 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32			
	1600	1600 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1600	1600 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1600 1 1	1600 ± 0.009 1	· ·
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1600 1 1 1	1600 ± 0.009 1 1 1	· · · · · · · · · · · · · · · · · · ·
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1600 1 1 1 1	1600 ± 0.009 1 1 1 1 1	· · · · · · · · · · · · · · · · · · ·
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1600 1 1 1 1 1 4294967295	1600 ± 0.009 1 1 1 1 1 4294967295	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600 1 1 1 1 1 4294967295 4294967295	1600 ± 0.009 1 1 1 1 4294967295 4294967295	· · · · · · · · · · · · · · · · · · ·
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1600 1 1 1 1 4294967295 4294967295 1600	1600 ± 0.009 1 1 1 1 4294967295 4294967295 1600 ± 0.009	· · · · · · · · · · · · · · · · · · ·
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VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	1600 1 1 1 1 1 1 4294967295 4294967295 1600 1600 0 1 1 1 1 4294967295 4294967295 1600 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1600 ± 0.009 1 1 1 1 1 4294967295 4294967295 1600 ± 0.009 1600 ± 0.009 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	> > > > > > > > > > > > > > > > > > >
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32	1600 1 1 1 1 1 1 1 4294967295 4294967295 1600 1600 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1600 ± 0.009 1 1 1 1 1 4294967295 4294967295 1600 ± 0.009 1600 ± 0.009 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· · · · · · · · · · · · · · · · · · ·
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	1600 1 1 1 1 1 1 4294967295 4294967295 1600 1600 0 1 1 1 1 4294967295 4294967295 1600 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1600 ± 0.009 1 1 1 1 1 4294967295 4294967295 1600 ± 0.009 1600 ± 0.009 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	> > > > > > > > > > > > > > > > > > >

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~



Fest Step 2.140 (Repeat Count = 1)	Input Value
trmpElanedTime mS u22/ElanedTime)	Input Value
trmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
etSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
te_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	9.1000038
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	226.100006
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.099999
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	53.099985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21364
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	60000
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-6.48000002
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00091599999
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	100.5
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	206
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7.4000001
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	85.5
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-6.48000002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00071599998
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-6.48000002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000423999998
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	100.300003
/ehDyn AutoCntrLoSpd M str.VehSpd kph f32	236.300003
/ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	4.30000019
/ehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	32.2999992
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	20423
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	31368
/ehDyn AutoCntrLoSpd M str.Timer1 mS u32	2553156835
, =	
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	-6.48000002
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.11999965e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	-6.48000002
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00091599999
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_ForceCenterEnabled_Cnt_M_lgc	1
/ehDyn_ForceCenterOffset_HwDeg_M_f32	-501.130005
/ehDyn_HiSpdLearnt_Cnt_M_lgc	1
/ehDyn_Initialize_Cnt_M_lgc	0
ehDyn_LoSpdLearnt_Cnt_M_lgc	1
ehDyn_MaxOffset_HwDeg_M_f32	-1063.04602
ehDyn_MinOffset_HwDeg_M_f32	-510.078003
ehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000002
/ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000460999989
/ehDyn_SLPHwAuth_Uls_M_f32	0.694000006
/ehDyn_SLPHwPos_HwDeg_M_f32	-163.009995
/ehDyn_SrlHwAgVldTimer_mS_M_u32	2127166208
_HiSpdVDAuthority_Uls_f32	0
_HwTqMgnThd_HwNm_f32	6.32000017
:_LoSpdVDAuthority_UIs_f32	1
·	987





Name	Input Value		
k_SysKinRatio_MtrDegpHwDeg_f32	96.4000015		
k_TravelXCDeadband_Uls_f32	26.0400009		
k_TravelXCHwAuthority_Uls_f32	0.185674995		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2942063360		
target_GetSystemTime_mS_u32_CurrentTime	2659241984		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_ElapsedT$	1736795392		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	2127166208		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	Jls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr	nt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-568.01001		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1199.32104		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-6.80000019		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	88.8799973		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-6.48000002		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-163.009995		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.8999998		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	52.4399986		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2659241984	2659241984	-
	2760420809	2760420809	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2760420809 0		
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32		2760420809	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0	2760420809 0 ± 0.000009	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0 -6.48000002	2760420809 0 ± 0.000009 -6.48000002 ± 0.000009	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0 -6.48000002 0	2760420809 0 ± 0.000009 -6.48000002 ± 0.000009 0	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0 -6.48000002 0 0	2760420809 0 ± 0.000009 -6.48000002 ± 0.000009 0	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0 -6.48000002 0 0	2760420809 0 ± 0.000009 -6.48000002 ± 0.000009 0 1	0
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0 -6.48000002 0 0 1	2760420809 0 ± 0.000009 -6.48000002 ± 0.000009 0 1	0
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0 -6.48000002 0 0 1 1 1 2553156835	2760420809 0 ± 0.000009 -6.48000002 ± 0.000009 0 1 1 2553156835	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0 -6.48000002 0 0 1 1 1 2553156835 2760420809	2760420809 0 ± 0.000009 -6.48000002 ± 0.000009 0 1 1 1 2553156835 2760420809	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0 -6.48000002 0 0 1 1 1 2553156835 2760420809 -6.48000002	2760420809 0 ± 0.000009 -6.48000002 ± 0.000009 0 1 1 1 2553156835 2760420809 -6.48000002 ± 0.000009	0
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VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0 -6.48000002 0 0 1 1 2553156835 2760420809 -6.48000002 -6.48000002	2760420809 0 ± 0.000009 -6.48000002 ± 0.000009 0 1 1 1 2553156835 2760420809 -6.48000002 ± 0.000009 1	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0 -6.48000002 0 0 1 1 1 2553156835 2760420809 -6.48000002 -6.48000002	2760420809 0 ± 0.000009 -6.48000002 ± 0.000009 0 1 1 1 2553156835 2760420809 -6.48000002 ± 0.000009 1 1	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0 -6.48000002 0 1 1 1 2553156835 2760420809 -6.48000002 1 1 1	2760420809 0 ± 0.000009 -6.48000002 ± 0.000009 0 1 1 1 2553156835 2760420809 -6.48000002 ± 0.000009 1 1 1	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0 -6.48000002 0 1 1 1 2553156835 2760420809 -6.48000002 -6.48000002 1 1 1 0	2760420809 0 ± 0.000009 -6.48000002 ± 0.000009 0 1 1 1 2553156835 2760420809 -6.48000002 ± 0.000009 1 1 1	
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VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Spl.32 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	0 -6.48000002 0 1 1 1 2553156835 2760420809 -6.48000002 1 1 1 0 2553156835 2760420809 -6.48000002 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1	2760420809 0 ± 0.000009 -6.48000002 ± 0.000009 0 1 1 2553156835 2760420809 -6.48000002 ± 0.000009 1 1 1 0 2553156835 2760420809 -6.48000002 ± 0.000009 1 0 0 0 1 1 1 1 1 1 1 1 1 1	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0 -6.48000002 0 1 1 1 2553156835 2760420809 -6.48000002 1 1 1 0 2553156835 2760420809 -6.48000002 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2760420809 0 ± 0.000009 -6.48000002 ± 0.000009 0 1 1 1 2553156835 2760420809 -6.48000002 ± 0.000009 1 1 1 1 0 2553156835 2760420809 -6.48000002 ± 0.000009 1 1 1 1 0 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_MaxOffset_HwDeg_M_f32  VehDyn_MinOffset_HwDeg_M_f32	0 -6.48000002 0 1 1 1 2553156835 2760420809 -6.48000002 1 1 1 0 0 2553156835 2760420809 -6.48000002 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2760420809 0 ± 0.000009 -6.48000002 ± 0.000009 0 1 1 1 2553156835 2760420809 -6.48000002 ± 0.000009 1 1 1 0 0 2553156835 2760420809 -6.48000002 ± 0.000009 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0 -6.48000002 0 1 1 1 2553156835 2760420809 -6.48000002 -6.48000002 1 1 1 0 0 2553156835 2760420809 -6.48000002 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2760420809 0 ± 0.000009 -6.48000002 ± 0.000009 0 1 1 1 2553156835 2760420809 -6.48000002 ± 0.000009 1 1 1 0 0 2553156835 2760420809 -6.48000002 ± 0.000009 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_MaxOffset_HwDeg_M_f32  VehDyn_MinOffset_HwDeg_M_f32	0 -6.48000002 0 1 1 1 2553156835 2760420809 -6.48000002 1 1 1 0 0 2553156835 2760420809 -6.48000002 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2760420809 0 ± 0.000009 -6.48000002 ± 0.000009 0 1 1 1 2553156835 2760420809 -6.48000002 ± 0.000009 1 1 1 0 0 2553156835 2760420809 -6.48000002 ± 0.000009 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~



est Step 2.141 (Repeat Count = 1)	Input Value
mnElapsedTime_mS_u32(ElapsedTime)	*
tSystemTime mS u32(CurrentTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime
e_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
e_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
e_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
hDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
hDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	66.0999985
hDyn AutoCntrDetSpd M str.VehSpd kph f32	216.100006
hDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
hDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	54.099985
hDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53759
hDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	18715
hDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809
hDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	355.5
hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000861999986
hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.5
hDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000861999986
hDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
hDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
hDyn AutoCntrDetSpd M str.Filter1Initialized Cnt lgc	1
hDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
hDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	456.200012
hDyn AutoCntrHiSpd M str.VehSpd kph f32	196.199997
hDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.2000008
hDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.5
hDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	40437
hDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	13059
hDyn AutoCntrHiSpd M str.Timer1 mS u32	109643620
hDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	355.5
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000661999977
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.5
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000315999991
hDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
hDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
hDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
hDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
hDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	56.1199989
hDyn AutoCntrLoSpd M str.VehSpd kph f32	52.1199989
hDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.1200008
hDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	78.1200027
hDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	32821
hDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	53946
hDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	255468
hDyn AutoCntrLoSpd M str.Timer2 mS u32	3382212733
hDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	355.5
hDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.5799999e-005
hDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	355.5
hDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000861999986
hDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	0
hDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc	1
hDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
hDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
hDyn_ForceCenterEnabled_Cnt_M_lgc	1
hDyn_ForceCenterCffset_HwDeg_M_f32	-1.58000004
hDyn_HiSpdLearnt_Cnt_M_lgc	0
hDyn_Initialize_Cnt_M_lgc	0
hDyn_LoSpdLearnt_Cnt_M_lgc	0
hDyn_MaxOffset_HwDeg_M_f32	-928.262024
hDyn MinOffset HwDeg M f32	-928.202024 -690.546021
·	-690.546021 14
hDyn_PinTrqSV_M_str.SV_UIs_f32	
hDyn_PinTrqSV_M_str.K_Uls_f32	0.000433999987
hDyn_SLPHwAuth_Uls_M_f32	0.81099999
hDyn_SLPHwPos_HwDeg_M_f32	-440.029999
hDyn_SrlHwAgVIdTimer_mS_M_u32	824746752
HiSpdVDAuthority_Uls_f32 HwTqMgnThd_HwNm_f32	1
	5.0999999





Name	Input Value			
k_SrlHwAgVldTiThd_mS_u32	70			
k_SysKinRatio_MtrDegpHwDeg_f32	54.4000015			
k_TravelXCDeadband_Uls_f32	53.8499985			
k_TraveIXCHwAuthority_UIs_f32	0.152600005			
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3368466432			
target_GetSystemTime_mS_u32_CurrentTime	1050692864			
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime	4243378688			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	824746752			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	arget_VehDyn_Per1_HwTorque_HwNm_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	Deg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cr			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3:	2		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-737.030029			
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1349.68396			
target_VehDyn_Per1_HwTorque_HwNm_f32.value	8.39999962			
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-75.5500031			
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	355.5			
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-440.029999			
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.5999999			
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0			
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	128.880005			
Name	Actual Value	Expected Value	Result	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	ixesuit	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809	2760420809	-	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784	2967684784		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32				
		355 5 + 0 0009	<b>✓</b>	
	355.5 355.5	355.5 ± 0.0009 355.5 ± 0.0009	<b>V</b>	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.5	355.5 ± 0.0009		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc			~	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	355.5 1	355.5 ± 0.0009	<b>~</b>	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	355.5 1	355.5 ± 0.0009 1	<b>y</b>	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	355.5 1 1	355.5 ± 0.0009 1 1	<b>*</b>	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	355.5 1 1 1 0	355.5 ± 0.0009 1 1 1 0	· · · · · · · · · · · · · · · · · · ·	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	355.5 1 1 1 1 0 1050692864	355.5 ± 0.0009 1 1 1 1 0 1050692864	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	355.5 1 1 1 1 0 1050692864 3382212733	355.5 ± 0.0009 1 1 1 0 1050692864 3382212733	· · · · · · · · · · · · · · · · · · ·	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	355.5 1 1 1 1 0 1050692864 3382212733 355.5	355.5 ± 0.0009 1 1 1 0 1050692864 3382212733 355.5 ± 0.0009	· · · · · · · · · · · · · · · · · · ·	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.5 1 1 1 0 1050692864 3382212733 355.5 355.5	355.5 ± 0.0009 1 1 1 0 1050692864 3382212733 355.5 ± 0.0009 355.5 ± 0.0009	· · · · · · · · · · · · · · · · · · ·	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	355.5 1 1 1 0 1050692864 3382212733 355.5 355.5	355.5 ± 0.0009 1 1 1 0 1050692864 3382212733 355.5 ± 0.0009 0	· · · · · · · · · · · · · · · · · · ·	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	355.5 1 1 1 0 1050692864 3382212733 355.5 355.5 0	355.5 ± 0.0009 1 1 1 0 1050692864 3382212733 355.5 ± 0.0009 355.5 ± 0.0009 0	· · · · · · · · · · · · · · · · · · ·	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	355.5 1 1 1 0 1050692864 3382212733 355.5 355.5 0 0	355.5 ± 0.0009 1 1 1 0 1050692864 3382212733 355.5 ± 0.0009 0 0 0	***************************************	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	355.5 1 1 1 0 1050692864 3382212733 355.5 355.5 0 0	355.5 ± 0.0009  1  1  0  1050692864  3382212733  355.5 ± 0.0009  355.5 ± 0.0009  0  0  1	***********	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	355.5 1 1 1 0 1050692864 3382212733 355.5 355.5 0 0 0 1 1050692864	355.5 ± 0.0009 1 1 1 0 1050692864 3382212733 355.5 ± 0.0009 355.5 ± 0.0009 0 0 1 1050692864	***************************************	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	355.5 1 1 1 0 1050692864 3382212733 355.5 355.5 0 0 1 1050692864 3382212733	355.5 ± 0.0009 1 1 1 0 1050692864 3382212733 355.5 ± 0.0009 0 0 1 1050692864 3382212733	***********	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.5 1 1 1 0 1050692864 3382212733 355.5 355.5 0 0 1 1050692864 3382212733 355.5	355.5 ± 0.0009  1  1  1  0  1050692864  3382212733  355.5 ± 0.0009  0  0  1  1050692864  3382212733  355.5 ± 0.0009	***************************************	
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VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_MinOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	355.5 1 1 1 1 0 1050692864 3382212733 355.5 355.5 0 0 1 1050692864 3382212733 355.5 0 0 1 1 1050692864 3382212733 355.5 0 1 1 1 1 1 1 0 1 1 1 1 0 1 349.68396 -737.030029	355.5 ± 0.0009 1 1 1 1 0 1050692864 3382212733 355.5 ± 0.0009 0 0 1 1050692864 3382212733 355.5 ± 0.0009 0 0 1 1 1050692864 3382212733 355.5 ± 0.0009 0 1 1 1 1 1 1 1 1 0 1 1 1 1 0 1 349.68396 -737.030029		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter32 VehDyn_AutoCntrLoSpd_M_str.Filter32 VehDyn_AutoCntrLoSpd_M_str.Filter32 VehDyn_AutoCntrLoSpd_M_str.Filter32 VehDyn_AutoCntrLoSpd_M_str.Filter32 VehDyn_AutoCntrLoSpd_M_str.Filter32 VehDyn_AutoCntrLoSpd_M_str.Filter32	355.5 1 1 1 1 0 1050692864 3382212733 355.5 355.5 0 0 1 1050692864 3382212733 355.5 0 0 1 1 1050692864 3382212733 355.5 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	355.5 ± 0.0009 1 1 1 1 0 1050692864 3382212733 355.5 ± 0.0009 0 0 1 1050692864 3382212733 355.5 ± 0.0009 0 0 1 1 1050692864 3382212733 355.5 ± 0.0009 0 1 1 1 1 1 1 1 0 1 1 1 1 0 1 349.68396 -737.030029 13.9976301 ± 0.00009		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter3Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter3Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter3Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter3Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter3Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter3Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter3Initialized_Cnt_lgc VehDyn_BirTialized_Cnt_M_lgc VehDyn_BirTialized_Cnt_M_lgc VehDyn_BirTialized_Cnt_M_str.Filter3Initialized_Cnt_lgc VehDyn_BirTialized_Cnt_M_str.Filter3Initialized_Cnt_lgc	355.5 1 1 1 1 0 1050692864 3382212733 355.5 355.5 0 0 1 1050692864 3382212733 355.5 355.5 0 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1	355.5 ± 0.0009 1 1 1 1 0 1050692864 3382212733 355.5 ± 0.0009 355.5 ± 0.0009 0 1 1050692864 3382212733 355.5 ± 0.0009 0 1 1 1050692864 3382212733 355.5 ± 0.0009 0 1 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1349.68396 -737.030029 13.9976301 ± 0.00009 824746752		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter32 VehDyn_AutoCntrLoSpd_M_str.Filter32 VehDyn_AutoCntrLoSpd_M_str.Filter32 VehDyn_AutoCntrLoSpd_M_str.Filter32 VehDyn_AutoCntrLoSpd_M_str.Filter32 VehDyn_AutoCntrLoSpd_M_str.Filter32 VehDyn_AutoCntrLoSpd_M_str.Filter32	355.5 1 1 1 1 0 1050692864 3382212733 355.5 355.5 0 0 1 1050692864 3382212733 355.5 0 0 1 1 1050692864 3382212733 355.5 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	355.5 ± 0.0009 1 1 1 1 0 1050692864 3382212733 355.5 ± 0.0009 0 0 1 1050692864 3382212733 355.5 ± 0.0009 0 0 1 1 1050692864 3382212733 355.5 ± 0.0009 0 1 1 1 1 1 1 1 0 1 1 1 1 0 1 349.68396 -737.030029 13.9976301 ± 0.00009		



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

est Step 2.142 (Repeat Count = 1)	Input Value
rmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
etSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
te Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	
	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
re_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
e_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn 1
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	498.5
hDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	
hDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.25 2.5
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.5
hDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	13352
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13059
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	
hDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892860
hDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-157.490005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000913999975
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-10.3400002
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000913999975
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
hDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	96.6999969
hDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	196.5
hDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	9.89999962
hDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	54
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	40437
hDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	13059
hDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2345892860
hDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-10.3400002
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000714000023
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-10.3400002
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000419999997
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	96.4000015
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	226.399994
hDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.39999962
hDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.4000015
hDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53970
hDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52282
hDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892860
hDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835
hDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-10.3400002
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.10000022e-005
hDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-10.3400002
hDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.Sv_Uis_f32	0.000913999975
hDyn AutoCntrLoSpd M str.Filter1Enable Cnt lgc	0
hDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_igc	1
	1
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_ForceCenterEnabled_Cnt_M_lgc	0
ehDyn_ForceCenterOffset_HwDeg_M_f32	-601.039978 0
ehDyn_HiSpdLearnt_Cnt_M_lgc	

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Nama	Input Value		
Name VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn MaxOffset HwDeg M f32	1058.05396		
VehDyn_MinOffset_HwDeg_M_f32	-516.762024		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.5		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00046000001		
VehDyn SLPHwAuth Uls M f32	0.713		
VehDyn_SLPHwPos_HwDeg_M_f32	-173.270004		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1117112832		
k HiSpdVDAuthority Uls f32	0.34000004		
k HwTqMgnThd HwNm f32	5.44999981		
k_LoSpdVDAuthority_Uls_f32	0		
k_SrlHwAgVldTiThd_mS_u32	3229		
k_SysKinRatio_MtrDegpHwDeg_f32	86.0999985		
k_TravelXCDeadband_Uls_f32	27.0699997		
k_TravelXCHwAuthority_Uls_f32	0.184450001		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2659241984		
target_GetSystemTime_mS_u32_CurrentTime	309385728		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_ElapsedT$	1117112832		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	1117112832		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadp	_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32	roo.	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cn		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32 -574.27002	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1204.89001		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-6.5		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-147.649994		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-10.3400002		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-173.270004		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.9000001		
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	0		
target VehDyn Per1 VehicleSpeed Kph f32.value	42.7700005		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2345892860	2345892860	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835	2553156835	~
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-157.490005	-157.490005 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-10.3400002	-10.3400002 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	4	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc		1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0	0	<b>*</b>
	0 309385728		~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32		0	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	309385728	0 309385728	~
	309385728 2553156835	0 309385728 2553156835	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	309385728 2553156835 -10.3400002	0 309385728 2553156835 -10.3400002 ± 0.00009	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	309385728 2553156835 -10.3400002 -10.3400002	0 309385728 2553156835 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	309385728 2553156835 -10.3400002 -10.3400002	0 309385728 2553156835 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	309385728 2553156835 -10.3400002 -10.3400002 0	0 309385728 2553156835 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	309385728 2553156835 -10.3400002 -10.3400002 0	0 309385728 2553156835 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009 0 0 1 309385728	· · · · · · · · · · · · · · · · · · ·
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	309385728 2553156835 -10.3400002 -10.3400002 0 0	0 309385728 2553156835 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009 0 0	· · · · · · · · · · · · · · · · · · ·
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	309385728 2553156835 -10.3400002 -10.3400002 0 0 1 309385728 2553156835 -10.3400002	0 309385728 2553156835 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009 0 0 1 309385728 2553156835 -10.3400002 ± 0.00009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	309385728 2553156835 -10.3400002 -10.3400002 0 0 1 309385728 2553156835 -10.3400002 -10.3400002	0 309385728 2553156835 -10.3400002 ± 0.00009 0 0 1 309385728 2553156835 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	309385728 2553156835 -10.3400002 -10.3400002 0 0 1 309385728 2553156835 -10.3400002 -10.3400002 0	0 309385728 2553156835 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009 0 1 309385728 2553156835 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009 0	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	309385728 2553156835 -10.3400002 -10.3400002 0 0 1 309385728 2553156835 -10.3400002 -10.3400002 0 1	0 309385728 2553156835 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009 0 1 309385728 2553156835 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009 0 1	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	309385728 2553156835 -10.3400002 -10.3400002 0 0 1 309385728 2553156835 -10.3400002 -10.3400002 0 1	0 309385728 2553156835 -10.3400002 ± 0.00009 0 0 1 309385728 2553156835 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009 0 1 1	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	309385728 2553156835 -10.3400002 -10.3400002 0 0 1 309385728 2553156835 -10.3400002 -10.3400002 0 1 1	0 309385728 2553156835 -10.3400002 ± 0.00009 0 0 1 309385728 2553156835 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009 0 1 1 1 1 1	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	309385728 2553156835 -10.3400002 -10.3400002 0 0 1 309385728 2553156835 -10.3400002 -10.3400002 0 1 1	0 309385728 2553156835 -10.3400002 ± 0.00009 0 0 1 309385728 2553156835 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009 1 1 1 0	
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VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	309385728 2553156835 -10.3400002 0 0 1 309385728 2553156835 -10.3400002 0 1 1 1 1 0 1	0 309385728 2553156835 -10.3400002 ± 0.00009 0 0 1 309385728 2553156835 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009 1 1 1 0 1 0 1	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Fitter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fitter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fitter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fitter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Fitter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fitter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fitter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fitter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fitter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	309385728 2553156835 -10.3400002 -10.3400002 0 0 1 309385728 2553156835 -10.3400002 -10.3400002 0 1 1 1 0 1	0 309385728 2553156835 -10.3400002 ± 0.00009 0 0 1 309385728 2553156835 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009 0 1 1 1 0 1 0 1058.05396	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	309385728 2553156835 -10.3400002 0 0 1 309385728 2553156835 -10.3400002 0 1 1 1 1 0 1	0 309385728 2553156835 -10.3400002 ± 0.00009 0 0 1 309385728 2553156835 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009 -10.3400002 ± 0.00009 1 1 1 0 1 0 1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \





Name	Actual Value	Expected Value	Result
VehDyn_SrlHwAgVldTimer_mS_M_u32	1117112832	1117112832	✓
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.713	0.713 ± 0.004	<b>✓</b>
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	-183.610001	-183.610001 ± 0.1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lama	Innut Volue
lame	Input Value
htmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
tte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	9.10000038
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	226.100006
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	53.0999985
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21364
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	52282
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-6.48000002
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-6.48000002
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00091599999
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	100.5
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	206
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7.4000001
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	85.5
'ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
/ehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	58929
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-6.48000002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00071599998
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-6.48000002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000423999998
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	100.300003
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	236.300003
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.30000019
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32.2999992
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	20423
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	31368
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-6.48000002
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.11999965e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-6.48000002
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00091599999
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1

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VehDyn_AltoCntrCnt_Ont_M_gc         0         0         0           VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2659241984         2659241984           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         2760420809         2760420809           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.00009           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.0009           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_Igc         0         0         0           VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc         1         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc         1         1         1           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2553156835         2553156835           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2760420809         2760420809           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.00009           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.00009           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc         1         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc         0         0	Name	Input Value		
Vesting   March   Corp.   1   1   1   1   1   1   1   1   1	VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VenDurp   Institute Ort M   Igs	,			
VenDyn_ 1956rd amm_Cmt_M_195				
Vestry   Machines   Moley   M. D2				
Val.Dig., No. 1976   Val. 1977   Val. 19				
Veloting   Part   Veloting   Ve				
Verloys (Parlays M. et M. Lip 0.2)  Verloys, Strivetus, blooking 11, 122  Verloys, Strivetus, blooking 12, 122  Verloys, Strivetus, blooking 12, 123  Verloys, Alleys, Strivetus, blooking 12, 123  Verloys, Alleys, Strivetus				
Vielping SpireAvail   Mode   M.   12				
Viology_SH-elving_Markon_Vis_123				
VebDyD_AlexhapMortTime_im_S_M_AU2				
L. J. Seybrichamberty, Uts., 102   Langer, Richamberty, Uts., 102   Langer, Verbor, Perf., Seriesberts, Langer, Verbor, Perf., Series		2127166208		
K. LSS90/ORANDONE, US 152   1		0		
S.SHWAQUSTTINE .ms   USC   September   S	k_HwTqMgnThd_HwNm_f32	6.32000017		
E. Systochia (	k_LoSpdVDAuthority_Uls_f32	1		
K_TransCOND-Manney, Us_F12	k_SrlHwAgVldTiThd_mS_u32	987		
Expression   Exp	k_SysKinRatio_MtrDegpHwDeg_f32	96.4000015		
Sept   Demontlepased Time, msl, std.   Expected Time   Sept   S				
taged, Gally-Act Withow, System Time, DemoCaped Time and Su2 Elapsed Tile (2014) AC Withow, System Time, DemoCaped Time and Su2 Elapsed Tile (2014) AC Withow, System Time, GetSystem Time, Bis. Su2 Elapsed Tile (2014) AC Withow, System Time, GetSystem Time, Bis. Su2 Elapsed Tile (2014) AC Withow, System Time, GetSystem Time, Bis. Su2 Elapsed Tile (2014) AC Withow, System Time, GetSystem Time, Bis. Su2 Elapsed Tile (2014) AC Withow, System Time, GetSystem Time, Bis. Su2 Elapsed Tile (2014) AC Withow, Su				
Larger, Rec. Call, Ap, Verbin, SystemTime   Cornell Espect Time   Larger, Rec. Call, Ap, Verbin, Verbin, Pert   CoreCOT   Holder, IS2   Larger, Rel. Inst. Ap, Verbin, Verbin, Pert   CoreCOT   Holder, IS2   Larger, Rel. Inst. Ap, Verbin, Verbin, Pert   CoreCOT   Holder, IS2   Larger, Rel. Inst. Ap, Verbin, Verbin, Pert   LowCOT   Holder, IS2   Larger, Rel. Inst. Ap, Verbin, Verbin, Pert   Medicing, Helmin, IS2   Larger, Rel. Inst. Ap, Verbin, Verbin, Pert   Medicing, Helmin, IS2   Larger, Rel. Inst. Ap, Verbin, Verbin, Pert   Medicing, Helmin, IS2   Larger, Rel. Inst. Ap, Verbin, Verbin, Pert   Sensionses Authority, Us. IS2   Larger, Rel. Inst. Ap, Verbin, Verbin, Pert   Sensionses Authority, Us. IS2   Larger, Rel. Inst. Ap, Verbin, Verbin, Pert   Sensionses Authority, Us. IS2   Larger, Rel. Inst. Ap, Verbin, Verbin, Pert   Sensionses Authority, Us. IS2   Larger, Rel. Inst. Ap, Verbin, Verbin, Pert   Sensionses Authority, Us. IS2   Larger, Rel. Inst. Ap, Verbin, Verbin, Pert   Sensionses Authority, Us. IS2   Larger, Rel. Inst. Ap, Verbin, Verbin, Pert   Sensionses Authority, Us. IS2   Larger, Rel. Inst. Ap, Verbin, Verbin, Pert   Sensionses Authority, Us. IS2   Larger, Rel. Inst. Ap, Verbin, Verbin, Pert   Torque-ComcRFF, Instinated, Sensionses Authority, Us. IS2   Larger, Rel. Inst. Ap, Verbin, Verbin, Pert   Torque-ComcRFF, Instinated, Sensionses Authority, Us. IS2   Larger, Verbin, Pert   Torque-ComcRFF, Instinated, Sensionses Authority, Us. IS2   Larger, Verbin, Pert   Verbin-Sepred Knn. IS3   Larger, Verbin, Pert   Verbin-Sepred Knn.				
target Rie, Dail A.D., Verbillyn, SystemTrimer, GudsydemTrimer, Br. 322 CurrentTrimer, Br. 1997, A.D., Verbillyn, Verbillyn, Derl. CowCOTT, Hubber, B.22 target, Rieb, Ind. A.D., Verbillyn, Verbillyn, Derl. CowCOTT, Hubber, B.22 target, Rieb, Ind. A.D., Verbillyn, Verbillyn, Derl. CowCOTT, Hubber, B.22 target, Rieb, Ind. A.D., Verbillyn, Verbillyn, Derl. CowCOTT, Hubber, B.22 target, Rieb, Ind. A.D., Verbillyn, Verbillyn, Perl. Politic Verbillyn, Derl. CowCOTT, Hubber, B.22 target, Rieb, Ind. A.D., Verbillyn, Verbillyn, Perl. Senatorics Authority, Julis, 22 target, Rieb, Ind. A.D., Verbillyn, Verbillyn, Perl. Senatorics Authority, Julis, 23 target, Verbillyn, Perl. Senatorics Authority, Julis, 24 target, Verbillyn, Perl. Senatorics Authority, Julis, 25 target, Verbillyn, Perl. Senat				
Imager, Ref. Inst. Ap. VehDyn-VehDyn_Perf_CoeCT_Hvbog_122   Imager, VehDyn_Perf_CoeCT_Hvbog_132   Imager, Ref. Inst. Ap. VehDyn-VehDyn_Perf_VehTown_132   Imager, Ref. Inst. Ap. VehDyn-VehDyn_Perf_Mort/VehCef_Ref. Inst. Ap. VehDyn-VehDyn_Perf_Mort/VehCef_Ref. Inst. Ap. VehDyn-VehDyn_Perf_Mort/VehCef_Ref. Inst. Ap. VehDyn-VehDyn_Perf_Ref. Inst. Ap. VehDyn-VehDyn_Perf_SensoriessAuthority_Uis_122   Imager, Ref. Inst. Ap. VehDyn-VehDyn_Perf_VehicleSpeed, Ref. Inst. Ap. VehDyn-Perf_VehicleSpeed, Ref. Inst. Ap. VehDyn_Perf_Sender, Ref. Inst. Ap. VehDyn-Perf_Sender, Ref. Inst. Ap.				
targer, Rein, Tark, A. VehDyn, VehDyn, Pert, CwECD, HuDeg, Ta2   targer, Rein, Tark, A. VehDyn, VehDyn, Pert, Morrow, Phrims, Ta2   targer, Rein, Ind., A. VehDyn, VehDyn, Pert, Morrow, Phrims, Ta2   targer, Rein, Ind., A. VehDyn, VehDyn, Pert, Morrow, Phrims, Ta32   targer, Rein, Ind., A. VehDyn, VehDyn, Pert, Morrow, Phrims, Ta32   targer, Rein, Ind., A. VehDyn, VehDyn, Pert, Sensoriess-kulthority, Uis, Ta2   targer, Rein, Ind., A. VehDyn, VehDyn, Pert, Sensoriess-kulthority, Uis, Ta2   targer, Rein, Ind., A. VehDyn, VehDyn, Pert, Sensoriess-kulthority, Uis, Ta2   targer, Rein, Ind., A. VehDyn, VehDyn, Pert, Sensoriess-kulthority, Uis, Ta2   targer, Rein, Ind., A. VehDyn, VehDyn, Pert, Sensoriess-kulthority, Uis, Ta2   targer, Rein, Ind., A. VehDyn, VehDyn, Pert, Sensoriess-kulthority, Uis, Ta2   targer, Rein, Ind., A. VehDyn, VehDyn, Pert, Sensoriess-kulthority, Uis, Ta2   targer, Rein, Ind., A. VehDyn, VehDyn, Pert, Sensoriess-kulthority, Uis, Ta2   targer, Rein, Ind., A. VehDyn, VehDyn, Pert, Vehleds-Speed John, Ta2   targer, Rein, Ind., A. VehDyn, VehDyn, Pert, Vehleds-Speed John, Ta2   targer, VehDyn, Pert, CowCorf, Hubog, Ta2 Vehleds-Speed John, Ta2   targer, VehDyn, Pert, Nervice, Ind., Ta2   targer, VehDyn, Pert, Nervice, Ind., Ta2   targer, VehDyn, Pert, Reinherba, Hubog, Ta2 Vaulue   targer, VehDyn, Pert, Reinherba, Hubog, Ta2 Vaulue   targer, VehDyn, Pert, Reinherba, Hubog, Ta2 Vaulue   targer, VehDyn, Pert, Schwady, McCharg, Vehler, Ta2, Vehley, Reinherba, Hubog, Ta2 Vaulue   targer, VehDyn, Pert, Torquecomcorf, Minhin, Ta2 Vaulue   targer,				
Isinget, Ref. Inst. Ap. Verbiny-Nebring Pert, MontriveCRP Mindragos, 122   Isinget, Verbiny In Pert, MontriveCRP Mindragos, 122   Isinget, Ref. Inst. Ap. Verbiny-Nebring Pert, MontriveCRP Mindragos, 122   Isinget, Ref. Inst. Ap. Verbiny-Nebring, Pert, Senderseabsthrion, Jul., 122   Isinget, Ref. Inst. Ap. Verbiny-Nebring, Pert, Senderseabsthrion, Jul., 122   Isinget, Ref. Inst. Ap. Verbiny-Nebron, Pert, Senderseabsthrion, Jul., 122   Isinget, Ref. Inst. Ap. Verbiny-Nebron, Pert, Senderseabsthrion, Jul., 122   Isinget, Ref. Inst. Ap. Verbiny-Nebron, Pert, Senderseabsthrion, Jul., 122   Isinget, Ref. Inst. Ap. Verbiny-Nebron, Pert, Senderseabsthrion, Jul., 123   Isinget, Ref. Inst. Ap. Verbiny-Nebron, Pert, Senderseabsthrion, Jul., 123   Isinget, Ref. Inst. Ap. Verbiny-Nebron, Pert, Senderseabsthrion, Jul., 123   Isinget, Ref. Inst. Ap. Verbiny-Nebron, Pert, Verbins-Pert, Senderseabsthrion, Jul., 123   Isinget, Ref. Inst. Ap. Verbiny-Nebron, Pert, Verbins-Pert, Senderseabsthrion, Jul., 123   Isinget, Ref. Inst. Ap. Verbiny-Nebron, Pert, Verbins-Pert, Senderseabsthrion, Jul., 123   Isinget, Ref. Inst. Ap. Verbiny-Nebron, Pert, Verbins-Pert, Senderseabsthrion, Jul., 123   Isinget, Verbiny, Pert, CoxCOT, Hwbog, 122 value   Isinget, Verbiny, Pert, Senderseabsthrion, 122 value   Isinget, Verbiny, Pert, Senderseabsthrion, 123   Isinget, Verbiny				
Larget, Reln, Bat, Ap, VenDyn, VenDyn, Perf, Michrovick CRE, Mithrados, 3/2   Larget, Reln, Bat, Ap, VenDyn, VenDyn, Perf, Batherpo, Part, Reln, Batherpo, 147, 147, 147, 147, 147, 147, 147, 147				
Integer, Peter, Intel, Apy, VehDyn, VehDyn, Pet. J. Sentonicos. Hubbeg, 132   Integer, Peter, Intel, Ap, VehDyn, VehDyn, Pet. J. Sentonicos. Hubbeg, 132   Integer, Peter, Intel, Ap, VehDyn, VehDyn, Pet. J. Sentonicos. Hubbeg, 132   Integer, Peter, Intel, Ap, VehDyn, VehDyn, Pet. J. Sentonicos. Hubbeg, 132   Integer, Peter, Intel, Ap, VehDyn, VehDyn, Pet. J. Sentonicos. Hubbeg, 132   Integer, Peter, Intel, Ap, VehDyn, VehDyn, Pet. J. Sentonicos. Hubbeg, 132   Integer, Peter, Intel, Ap, VehDyn, VehDyn, Pet. J. Sentonicos. Peter, Intel, Ap, VehDyn, Pet. J. Sentonicos. Peter, Intel, Appl. Pe				
target_Rel_indt_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Us_R2   target_VehDyn_Per1_SensoriessAuthority_Us_R2   target_VehDyn_Per1_VehicleSpeed_Kpf_R2   target_VehDyn_Per1_VehicleSpeed_Kpf_R2   target_VehDyn_Per1_VehicleSpeed_Kpf_R2   target_VehDyn_Per1_VehicleSpeed_Kpf_R2   target_VehDyn_Per1_VehicleSpeed_Kpf_R2   target_VehDyn_Per1_SensoriessAuthority_Us_R2   target_VehDyn_Per1_VehicleSpeed_Kpf_R2   target_VehDyn_Per1_SensoriessAuthority_Us_R2   target_VehDyn_Per1_SensoriessAuthority_Us_R2   target_VehDyn_Per1_SensoriessAuthority_Us_R2   target_VehDyn_Per1_SensoriessAuthority_Us_R2   target_VehDyn_Per1_VehicleSpeed_Kpf_R2   t				
target, Ret, Inst, Ap, VehDyn VehDyn, Pert Srith-Mag/HQ Cnt, Igo target, Ret, Inst, Ap, VehDyn VehDyn, Pert Srith-Mag, HwDeg, 132 target, Ret, Inst, Ap, VehDyn VehDyn, Pert TorquecmdCRF, Minhim, 32 target, Ret, Inst, Ap, VehDyn VehDyn, Pert TorquecmdCRF, Minhim, 32 target, Ret, Inst, Ap, VehDyn VehDyn, Pert TorquecmdCRF, Minhim, 32 target, Ret, Inst, Ap, VehDyn VehDyn, Pert VehicleSpeedValle Cnt, Igo target, VehDyn, Pert CoerCit, HwDeg, 132 value target, VehDyn, Pert CoerCit, HwDeg, 132 value target, VehDyn, Pert CoerCit, HwDeg, 132 value target, VehDyn, Pert Torquec HwNn, 152 value target, VehDyn, Pert, MortevCeRF, Minhag, 152 value target, VehDyn, Pert, Srith-Mag, Muley, 132 value target, VehDyn, Pert, Srith-Mag, Muley, 132 value 163 009996 target, VehDyn, Pert, TorquecmdCeRF, Minhim, 152 value 164 10999998 target, VehDyn, Pert, TorquecmdCeRF, Minhim, 152 value 165 10999998 target, VehDyn, Pert, VehicleSpeed, Kph, 152 value 175 109999999 target, VehDyn, Pert, VehicleSpeed, Kph, 152 value 186 109999999 target, VehDyn, Pert, VehicleSpeed, Kph, 152 value 187 109999999 target, VehDyn, Pert, VehicleSpeed, Kph, 152 value 187 109999999 target, VehDyn, AutochtroEsped, Myn, Minhim, 152 value 187 10999999 target, VehDyn, AutochtroEsped, Myn, Minhim, 152 value 188 10999999 target, VehDyn, AutochtroEsped, Myn, Minhim, 152 value 198 1099999 tert, Minhim, 152 value 198 1099999 tert, Minhim, 152 value 198 1099999 target, VehDyn, AutochtroEsped, Myn, Minhim, 152 value 199 1099999 target, VehDyn, AutochtroEsped, Myn, Minhim, 152 value 199 1099999 tert, Minhim, 152 value 199 1099999 target, VehDyn, AutochtroEsped, Myn, Minhim, 152 value 199 1099999 target, VehDyn, AutochtroEsped, Myn, Minhim, 152 value 199 1099999 target, VehDyn, AutochtroEsped, Myn, Minhim, 152 value 19				
target_Ret_Inst_Ap_VehDyn_Pert_SirthwAg_Hw0eg_IS2   target_Ret_Inst_Ap_VehDyn_VehDyn_Pert_TorqueCmdCRF_Mithm_IS2   target_Ret_Inst_Ap_VehDyn_VehDyn_Pert_VehicdsSpeed Valid_Ont_Ige   target_Ret_Inst_Ap_VehDyn_VehDyn_Pert_VehicdsSpeed Valid_Ont_Ige   target_VehDyn_Pert_CoekOff_Hw0eg_IS2-value   target_VehDyn_Pert_CoekOff_Hw0eg_IS2-value   target_VehDyn_Pert_CoekOff_Hw0eg_IS2-value   target_VehDyn_Pert_CoekOff_Hw0eg_IS2-value   target_VehDyn_Pert_Lw0efOff_Hw0eg_IS2-value   target_VehDyn_Pert_MortovelOff_F_Mithm_Is2-value   descript_VehDyn_Pert_MortovelOff_F_Mithm_Is2-value   descript_VehDyn_Pert_MortovelOff_F_Mithm_Is2-value   descript_VehDyn_Pert_IndivovelOff_F_Mithm_Is2-value   descript_VehDyn_Pert_IndivovelOff_F_Mithm_Is2-value   descript_VehDyn_Pert_IndivovelOff_F_Mithm_Is2-value   descript_VehDyn_Pert_IndivovelOff_F_Mithm_Is2-value   descript_VehDyn_Pert_TorqueCmdCoff_F_Mithm_Is2-value   descript_VehDyn_Pert_TorqueCmdCoff_F_Mithm_Is2-value   descript_VehDyn_Pert_TorqueCmdCoff_F_Mithm_Is2-value   descript_VehDyn_Pert_TorqueCmdCoff_F_Mithm_Is2-value   descript_VehDyn_Pert_TorqueCmdCoff_F_Mithm_Is2-value   descript_VehDyn_Pert_VehicdsSpeed_Kon_Is2-value   descript_VehDyn_Pert_VehicdsSpeed_Kon_Is2-value   descript_VehDyn_Pert_VehicdsSpeed_Kon_Is2-value   descript_VehDyn_Pert_VehicdsSpeed_Kon_Is2-value   descript_VehDyn_Pert_VehicdsSpeed_Kon_Is2-value   descript_VehDyn_Ned_Is3-value				
target, Ret, Inst, Ap, VehDyn VehDyn, Pert TorqueCmdCRF, Minhm, 132 target, Ret, Inst, Ap, VehDyn VehDyn, Pert VehicleSpeed Vaid, Cnt.l.gc target, Ret, Inst, Ap, VehDyn VehDyn, Pert VehicleSpeed Vaid, Cnt.l.gc target, VehDyn, Pert CwcRet, Mehop, S2 value target, VehDyn, Pert CwcRet, Mehop, S2 value target, VehDyn, Pert CwcRet, Mehop, S2 value target, VehDyn, Pert LwCet, Mehop, S2 value target, VehDyn, Pert, Mehor VehDeg, S2 value target, VehDyn, Pert, Mehor VehDeg, S2 value target, VehDyn, Pert, Motor VetCRF, MrRadps, S2 value target, VehDyn, Pert, Mehor VetCRF, MrRadps, S2 value target, VehDyn, Pert, Sehre, Way Vet, Cnt. Igo, value target, VehDyn, Pert, Sehre, Way Vet, Cnt. Igo, value target, VehDyn, Pert, Sehre, Way Vet, Cnt. Igo, value target, VehDyn, Pert, Torque, CmdCRF, Minhm, 152 value target, VehDyn, Pert, VehicleSpeed, Kph, 152 value target, VehDyn, Auto-ChtrDelSped, My, str. Timert, ms, 192 vehDyn, Auto-ChtrDelSpd, My, str. Timert, ms, 192 vehDyn, Auto-ChtrDelSpd, My, str. Timert, ms, 192 vehDyn, Auto-ChtrDelSpd, My, str. Rehl-Moseiritis V, HwDeg, str. SV, Uls, 132 vehDyn, Auto-ChtrDelSpd, My, str. Rehl-Moseiritis V, HwDeg, str. SV, Uls, 132 vehDyn, Auto-ChtrDelSpd, My, str. Rehl-Moseiritis V, HwDeg, str. SV, Uls, 132 vehDyn, Auto-ChtrDelSpd, My, str. Rehl-Moseiritis V, HwDeg, str. SV, Uls, 132 vehDyn, Auto-ChtrDelSpd, My, str. Rehl-Moseiritis V, HwDeg, str. SV, Uls, 132 vehDyn, Auto-ChtrDelSpd, My, str. Rehl-Moseiritis V, HwDeg, str. SV, Uls, 132 vehDyn, Auto-ChtrDelSpd, My, str. Rehl-Moseiritis V, HwDeg, str. SV, Uls, 132 vehDyn, Auto-ChtrDelSpd, My, str. Rehl-Moseiritis V, HwDeg, str. SV, Uls, 132 vehDyn, Auto-ChtrDelSpd, My, str. Rehl-Moseiritis V, HwDeg, str. SV, Uls, 132 vehDyn, Auto-ChtrDelSpd, My, str. Rehl-Moseiritis V, HwDeg, str. SV, Uls, 132 vehDyn, Auto-ChtrDelSpd, My, str. Rehl-Moseiriti	target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rie_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc         target_VehDyn_Per1_VehicleSpeed_Kph_f32         target_VehDyn_Per1_VehicleSpeed_Kph_f32           target_VehDyn_Per1_CowEGT_HwDeg_132_value         1199.32:04           target_VehDyn_Per1_CowEGT_HwDeg_132_value         1199.32:04           target_VehDyn_Per1_Mortor_CRF_MirtPadps_132_value         88.8799973           target_VehDyn_Per1_RelHwFore_MPER_S_122_value         88.8799973           target_VehDyn_Per1_RelHwFore_MPER_S_122_value         0           target_VehDyn_Per1_SriHwAg_HwDeg_132_value         -183.009995           target_VehDyn_Per1_SriHwAg_HwDeg_132_value         -183.009995           target_VehDyn_Per1_SriHwAg_HwDeg_152_value         -183.009995           target_VehDyn_Per1_VehicleSpeedVaid_Cnt_lgc_value         1           target_VehDyn_Per1_VehicleSpeedVaid_Cnt_lgc_value         1           target_VehDyn_Per1_VehicleSpeedVaid_Cnt_lgc         0           VehDyn_AutoChribeIspd_M_SriTimer1_mS_u32         2899986           VehDyn_AutoChribeIspd_M_SriTimer1_mS_u32         289986           VehDyn_AutoChribeIspd_M_SriTimer1_mS_u32         289986           VehDyn_AutoChribeIspd_M_SriTimer1_mS_u32         289981984         2899241984           VehDyn_AutoChribeIspd_M_SriTimer1_mS_u32         -848000002         -848000002 ± 0.00009         -94004000000           VehDyn_AutoChribeIspd_M_SriTim	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target, Neit, Jay, Velbyn, Pert J., VehicleSpeed, Kph_f32         target, Vehbyn, Pert J., VehicleSpeed, Kph_f32           target, Vehbyn, Pert J., CwEOT_HWDeg, f32 value         1199, 32:104           target, Vehbyn, Pert J., Web J., HwDeg, f32 value         1199, 32:104           target, Vehbyn, Pert J., Web J., Web J., Karlow J., Web J.,	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm_f32	
	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr	nt_lgc	
			2	
target_VehDyn_Per1   MotorVelCRF_MrRadpS_132.value				
Isrget_VehDyn_Pert_RelHwPos_HwDeg_132.value				
target_VehDyn_Pert_SrithwagVid_Cnt_lgc.value				
target_VehDyn_Pert_ToriqueCmtCRF_thrtNm_f32.value				
target_VehDyn_Perl_TorqueCmdCRF_MtrNm_f32.value				
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value				
Name         Actual Value         Expected Value         Result           VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc         0         0         0           VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2659241984         2659241984         2659241984           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         2760420809         2760420809         2760420809           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.00009           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0           VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         1           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2553156835         2553156835         2553156835           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.00009         -6.48000002           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter1Initiali		1		
VehDyn_AltoCntrDetSpd_M_str.Timer1_mS_u32         2659241984         2659241984           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         2760420809         2760420809           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.00009           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.00009           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt.lgc         0         0         0           VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt.lgc         1         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt.lgc         1         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt.lgc         1         1         1           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2553156835         2553156835           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2760420809         2760420809           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.00009           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.00009           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt.lgc         1         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt.lgc         0	target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	52.4399986		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2659241984         2659241984           VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2760420809         2760420809           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.00009           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         0         0         -6.48000002 ± 0.00009           VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc         0         0         0           VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2553156835         2553156835           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.0009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0	Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Reil+wPosFittSV_HwDeg_str.SV_Uls_f32         2760420809         2760420809           VehDyn_AutoCntrDetSpd_M_str.Reil+wPosFittSV_HwDeg_str.SV_Uls_f32         -6.48000002         -6.48000002 ± 0.00009           VehDyn_AutoCntrDetSpd_M_str.Reil+wPosFittSV_HwDeg_str.SV_Uls_f32         -6.48000002         -6.48000002 ± 0.0009           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         2760420809         2760420809           VehDyn_AutoCntrHiSpd_M_str.Filter1Reilable_Cnt_lgc         -6.48000002         -6.48000002 ± 0.0009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         0         -6.48000002 </td <td>VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc</td> <td>0</td> <td>0</td> <td>-</td>	VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.00009           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.0009           VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrDetSpd_M_str.Fiiter1Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc         2760420809         2760420809           VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc         -6.48000002         -6.48000002 ± 0.00009           VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_cnt_lgc         -6.48000002         -6.48000002 ± 0.000	VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2659241984	2659241984	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         0         0         6.48000002 ± 0.0009           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0           VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         0         0         0           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2553156835         2553156835         2553156835           VehDyn_AutoCntrHiSpd_M_str.Filter2InitSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.0009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         1         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         1         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2553156835         2553156835           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         <	VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809	2760420809	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2ms_ms_u32         2553156835         2553156835           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32         -648000002         -648000002 ±0.0009           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32         -648000002         -648000002 ±0.00009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         -6.480000002         -6.48000002 ±0.00009           V	, , , , , , , , , , , , , , , , , , , ,	-6.48000002	-6.48000002 ± 0.000009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc         0         0           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2553156835         2553156835           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2760420809         2760420809           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.00009           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.00009           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.000009           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6				~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2553156835         2553156835           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2760420809         2760420809           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.00009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2553156835         2553156835           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2760420809         2760420809           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.000009           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         0         0           VehDyn_AutoCntr	, = , = = = = = = = = = = = = = = = = =	·		<b>*</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2553156835         2553156835           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2760420809         2760420809           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1sV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.00009           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2sV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.00009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2553156835         2553156835           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2760420809         2760420809           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.000009           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         0         0 <tr< td=""><td></td><td></td><td></td><td>•</td></tr<>				•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2553156835         2553156835           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2760420809         2760420809           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.00009           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.000009           VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Fiiter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Fiiter3Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2553156835         2553156835           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2760420809         2760420809           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.000009           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         0         0 <tr< td=""><td></td><td></td><td></td><td>_</td></tr<>				_
VehDyn_AutoCntrHiSpd_M_str.Timer12_mS_u32         2760420809         2760420809           VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.00009           VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.000009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2553156835         2553156835           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2760420809         2760420809           VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.000009           VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.000009           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1				
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32         -6.48000002         -6.48000002 ± 0.00009           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         -6.48000002         -6.48000002 ± 0.000009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2553156835         2553156835           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2760420809         2760420809           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32         -6.48000002         -6.48000002 ± 0.000009           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         -6.48000002         -6.48000002 ± 0.000009           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_HiSpdLearnt_Cnt_M_lgc         1         1 </td <td></td> <td></td> <td></td> <td></td>				
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32         -6.48000002         -6.48000002 ± 0.000009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2553156835         2553156835           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2760420809         2760420809           VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32         -6.48000002         -6.48000002 ± 0.000009           VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32         -6.48000002         -6.48000002 ± 0.000009           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1				·
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2553156835         2553156835           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2760420809         2760420809           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.000009           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.000009           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_HiSpdLearnt_Cnt_M_lgc         1         1				
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2553156835         2553156835           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2760420809         2760420809           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.000009           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.000009           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_HiSpdLearnt_Cnt_M_lgc         1         1				•
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2553156835         2553156835           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2760420809         2760420809           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.000009           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -6.48000002         -6.48000002 ± 0.000009           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_HiSpdLearnt_Cnt_M_lgc         1         1				-
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       2553156835       2553156835         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       2760420809       2760420809         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32       -6.48000002       -6.48000002 ± 0.000009         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32       -6.48000002       -6.48000002 ± 0.000009         VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc       0       0         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       0       0         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1       1         VehDyn_HiSpdLearnt_Cnt_M_lgc       1       1				-
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       2760420809       2760420809         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32       -6.48000002       -6.48000002 ± 0.000009         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32       -6.48000002       -6.48000002 ± 0.000009         VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc       0       0         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       0       0         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1       1         VehDyn_HiSpdLearnt_Cnt_M_lgc       1       1	VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32       -6.48000002       -6.48000002 ± 0.000009         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32       -6.48000002       -6.48000002 ± 0.000009         VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc       0       0         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       0       0         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1       1         VehDyn_HiSpdLearnt_Cnt_M_lgc       1       1	VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835	2553156835	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32       -6.48000002       -6.48000002 ± 0.000009         VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc       0       0         VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc       0       0         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1       1         VehDyn_HiSpdLearnt_Cnt_M_lgc       1       1				~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_HiSpdLearnt_Cnt_M_lgc         1         1				~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         0         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         0         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1           VehDyn_HiSpdLearnt_Cnt_M_lgc         1         1         1				~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         0         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1           VehDyn_HiSpdLearnt_Cnt_M_lgc         1         1         1				~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc     1       VehDyn_HiSpdLearnt_Cnt_M_lgc     1       1     1				•
VehDyn_HiSpdLearnt_Cnt_M_lgc 1 1		·		
72 1 2 2 2 3				
Veni ivo initialize i int M Idc	VehDyn_Initialize_Cnt_M_lgc	1	1	

2015-09-15, 13:22:52+0530



Name	Actual Value	Expected Value	Result
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1199.32104	1199.32104	•
VehDyn_MinOffset_HwDeg_M_f32	-568.01001	-568.01001	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60240626	-1.60240626 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2127166208	2127166208	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	494.649994	494.649994 ± 0.1	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lame	Input Value
htrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime
tte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	533.599976
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	236.600006
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.5999999
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.5999985
'ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	33198
/ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	31368
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
rehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.170013
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584786
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.170013
ehDyn_AutoChtrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.Sv_0is_i32	0.000918000005
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoChtrDetSpd_M_str.Filter2Initialized_Cht_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124.400002
ehDyn_AutoChtrHiSpd_M_str.VehSpd_kph_f32	216
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.80000019
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.099985
	38868
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	57944
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2760420809
	2967684784
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	-444.170013
	0.000717999996
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.170013
	0.000427999999
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000427999999
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	124.099998
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 ehDyn AutoCntrLoSpd M str.VehSpd kph f32	246.100006
	16.4099998
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	52.0999985
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	7034
· - · ·	
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	39056
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420809
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.170013
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDog_str.K_Uls_f32	7.139998e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.170013
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000918000005
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc ehDyn AutoCntrLoSpd M str.Filter2Enable Cnt lgc	0





Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-401.220001		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc			
VehDyn_MixOffset_HwDeg_M_f32	1068.03796 -503.394012		
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.8000002		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000461999996		
VehDyn SLPHwAuth Uls M f32	0.675000012		
VehDyn_SLPHwPos_HwDeg_M_f32	-152.75		
VehDyn SrlHwAgVldTimer mS M u32	4243378688		
k_HiSpdVDAuthority_Uls_f32	0.670000017		
k HwTqMgnThd HwNm f32	1		
k_LoSpdVDAuthority_UIs_f32	0		
k_SrlHwAgVldTiThd_mS_u32	16445		
k_SysKinRatio_MtrDegpHwDeg_f32	32.0999985		
k_TravelXCDeadband_Uls_f32	25.0100002		
k_TravelXCHwAuthority_Uls_f32	0.186900005		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1117112832		
target_GetSystemTime_mS_u32_CurrentTime	2942063360		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_ElapsedT$	3437401088		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u332\_CurrentTime_ms_u332\_CurrentTime_ms_u332\_CurrentTime_ms_u332\_CurrentTime_ms_u332\_CurrentTime_ms_u332\_CurrentTime_ms_u332\_CurrentTime_ms_u332\_CurrentTime_ms_u332\_CurrentTime_ms_u332\_CurrentTime_ms_u332\_CurrentTime$	4243378688		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_L		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32	l 100	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Neb_Inst_Ap_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3561.75	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1193.75195		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-7.0999999		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-75.9899979		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-444.170013		
target VehDyn Per1 SrlHwAgVld Cnt Igc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-152.75		
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	8.19999981		
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	128.020004		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	<b>~</b>
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784	2967684784	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.170013	-444.170013 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.170013	-444.170013 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc		0	<b>✓</b>
	0	Ŭ	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32			<b>~</b>
	0	0	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0 2942063360	0 2942063360	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0 2942063360 2967684784	0 2942063360 2967684784	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0 2942063360 2967684784 -444.170013 -444.170013	0 2942063360 2967684784 -444.170013 ± 0.0009	\ \ \
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0 2942063360 2967684784 -444.170013 -444.170013 0	0 2942063360 2967684784 -444.170013 ± 0.0009 -444.170013 ± 0.0009 0	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0 2942063360 2967684784 -444.170013 -444.170013 0	0 2942063360 2967684784 -444.170013 ± 0.0009 -444.170013 ± 0.0009 0	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0 2942063360 2967684784 -444.170013 -444.170013 0	0 2942063360 2967684784 -444.170013 ± 0.0009 -444.170013 ± 0.0009 0	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0 2942063360 2967684784 -444.170013 -444.170013 0 0 1 2942063360	0 2942063360 2967684784 -444.170013 ± 0.0009 -444.170013 ± 0.0009 0 0 1 1 2942063360	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0 2942063360 2967684784 -444.170013 -444.170013 0 0 1 2942063360 2967684784	0 2942063360 2967684784 -444.170013 ± 0.0009 -444.170013 ± 0.0009 0 0 1 1 2942063360 2967684784	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0 2942063360 2967684784 -444.170013 -444.170013 0 0 1 2942063360 2967684784 -444.170013	0 2942063360 2967684784 -444.170013 ± 0.0009 -444.170013 ± 0.0009 0 0 1 1 2942063360 2967684784 -444.170013 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0 2942063360 2967684784 -444.170013 -444.170013 0 0 1 2942063360 2967684784 -444.170013	0 2942063360 2967684784 -444.170013 ± 0.0009 -444.170013 ± 0.0009 0 1 1 2942063360 2967684784 -444.170013 ± 0.0009 -444.170013 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0 2942063360 2967684784 -444.170013 -444.170013 0 0 1 2942063360 2967684784 -444.170013	0 2942063360 2967684784 -444.170013 ± 0.0009 -444.170013 ± 0.0009 0 1 2942063360 2967684784 -444.170013 ± 0.0009 -444.170013 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0 2942063360 2967684784 -444.170013 -444.170013 0 0 1 2942063360 2967684784 -444.170013 -444.170013 0 1	0 2942063360 2967684784 -444.170013 ± 0.0009 -444.170013 ± 0.0009 0 1 2942063360 2967684784 -444.170013 ± 0.0009 -444.170013 ± 0.0009 0 1	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0 2942063360 2967684784 -444.170013 -444.170013 0 0 1 2942063360 2967684784 -444.170013	0 2942063360 2967684784 -444.170013 ± 0.0009 -444.170013 ± 0.0009 0 1 2942063360 2967684784 -444.170013 ± 0.0009 -444.170013 ± 0.0009	





Name	Actual Value	Expected Value	Result
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	1193.75195	1193.75195	~
VehDyn_MinOffset_HwDeg_M_f32	-561.75	-561.75	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.7963247	-14.7963247 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	4243378688	4243378688	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.675000012	0.675000012 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-596.920044	-596.919983 ± 0.1	<b>✓</b>

Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lame	Input Value
OtrmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime
Rte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
Rte_Call_Ap_veribyri_systemrline_Getsystemrline_ins_usz(Current line)	
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	target_Rte_Inst_Ap_VehDyn 1
/ehDyn_AutoCotrDetSpd_M_str.MtrVel_MtrRadpS_f32	290.100006 32.099985
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.1000004 96.099985
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	32821
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	14442
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000566000002
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00092000002
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	126.400002
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	42.5
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.4000001
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	63.2999992
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	25532
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27401
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3589476707
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000720000011
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000432000001
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	126.199997
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	88.1999969
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.20000005
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	75.1999969
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	10412
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3277
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476707
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.15999995e-005

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00092000002		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-301.309998		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	40.2000008		
VehDyn_MinOffset_HwDeg_M_f32	-496.709991		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.80000019		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000463000004		
VehDyn_SLPHwAuth_Uls_M_f32	0.656000018		
VehDyn_SLPHwPos_HwDeg_M_f32	-142.490005		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1050692864		
k_HiSpdVDAuthority_Uls_f32	0.119999997		
k_HwTqMgnThd_HwNm_f32	1.5		
k_LoSpdVDAuthority_UIs_f32	1		
k SrlHwAgVldTiThd mS u32	32		
k_SysKinRatio_MtrDegpHwDeg_f32	86.3000031		
k TravelXCDeadband Uls f32	23.9799995		
k_TravelXCHwAuthority_UIs_f32	0.188124999		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1050692864		
target_GetSystemTime_mS_u32_CurrentTime	4243378688		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_Elapsed	Ti 3494315776		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTim			
target_Rte_Inst_Ap_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_H		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target VehDyn Per1 TorqueCmdCRF Mtri		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target VehDyn Per1 VehicleSpeedValid C	_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f:		
target VehDyn Per1 CcwEOT HwDeg f32.value	-555.48999	<b></b>	
target VehDyn Per1 CwEOT HwDeg f32.value	1188.18298		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-7.4000001		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759		
target VehDyn Per1 RelHwPos HwDeg f32.value	1146.91003		
target VehDyn Per1 SrlHwAgVld Cnt Igc.value	1		
target_VehDyn_Per1_SrihwAg vio_Cht_igc.value	-142.490005		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999		
target_venDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	489.024994		
Name		Expected Value	Page
	Actual Value	Expected Value	Res
VehDyn_AltoCatrDetSad_M_etr_Times1_mS_u22	1 2590476707	1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707	3589476707	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682	3796740682	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	

Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707	3589476707	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682	3796740682	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4243378688	4243378688	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682	3796740682	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476707	3589476707	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682	3796740682	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	~





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	✓
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	✓
VehDyn_MaxOffset_HwDeg_M_f32	40.2000008	40.2000008	✓
VehDyn_MinOffset_HwDeg_M_f32	-496.709991	-496.709991	✓
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.79298735	7.79298687 ± 0.000009	✓
VehDyn_SrlHwAgVldTimer_mS_M_u32	1050692864	1050692864	✓
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.119999997	0.119999997 ± 0.004	<b>✓</b>
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0	0 ± 0.1	✓

Test Step Call Trace			<b>✓</b>	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lome	Input Value
lame	Input Value
rtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
tetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
tte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	570.099976
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	246.100006
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.099985
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21335
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	39056
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000921999977
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000921999977
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	78.8000031
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	226.100006
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3.5
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.2999992
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000722000026
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1459.40002
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000436000002
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	78.0999985
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	52.0999985
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.099985
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	26195
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22037
ehDyn AutoCntrLoSpd M str.Timer1 mS u32	2967684784
ehDyn AutoCntrLoSpd M str.Timer2 mS u32	3174948758

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002		
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.1800001e-005		
, = , = = = = = = = = = = = = = = = = =	-1459.40002		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000921999977		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-201.399994		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn MaxOffset HwDeg M f32	1078.02197		
	-490.026001		
VehDyn_MinOffset_HwDeg_M_f32			
VehDyn_PinTrqSV_M_str.SV_UIs_f32	17.7999992		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000464000012		
VehDyn_SLPHwAuth_Uls_M_f32	0.637000024		
VehDyn_SLPHwPos_HwDeg_M_f32	-132.229996		
VehDyn_SrlHwAgVldTimer_mS_M_u32	295229312		
k_HiSpdVDAuthority_UIs_f32	0.75999999		
k_HwTqMgnThd_HwNm_f32	9.19999981		
k_LoSpdVDAuthority_Uls_f32	1		
k SrlHwAgVldTiThd mS u32	4891		
k_SysKinRatio_MtrDegpHwDeg_f32	52.5		
	22.9500008		
k_TraveIXCDeadband_UIs_f32			
k_TravelXCHwAuthority_UIs_f32	0.189349994		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1736795392		
target_GetSystemTime_mS_u32_CurrentTime	1117112832		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_Elapse$	463842816		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms_u32\_CurrentTim$	3039943680		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3.		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_L		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	/Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr	nt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3.	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-549.22998		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1182.61401		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-7.69999981		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	159.990005		
target VehDyn Per1 RelHwPos HwDeg f32.value	-1459.40002		
· - · · -			
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-132.229996		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.39999962		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	139.063995		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784	2967684784	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_m3_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758	3174948758	-
			~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002	-1459.40002 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1117112832	1117112832	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758	3174948758	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002	-1459.40002 ± 0.009	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1459.40002	-1459.40002 ± 0.009	
			~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784	2967684784	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758	3174948758	~





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002	-1459.40002 ± 0.009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1459.40002	-1459.40002 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	•
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	•
VehDyn_MaxOffset_HwDeg_M_f32	1078.02197	1078.02197	~
VehDyn_MinOffset_HwDeg_M_f32	910.170044	910.169983	•
VehDyn_PinTrqSV_M_str.SV_UIs_f32	17.7880936	17.7880936 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	295229312	295229312	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1258	-1258 ± 0.1	~

Test Step Call Trace			<b>✓</b>	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	497.299988
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	123.300003
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.2999992
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	45.2999992
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	12258
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27401
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000923999993
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000923999993
/ehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1
/ehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	1
/ehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1
/ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt lgc	0
/ehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	88.5
/ehDyn AutoCntrHiSpd M str.VehSpd kph f32	236.5
/ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	1.60000002
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52.5
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20423
/ehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	31368
/ehDyn AutoCntrHiSpd M str.Timer1 mS u32	3174948758
/ehDyn AutoCntrHiSpd M str.Timer2 mS u32	3382212733
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	459.209991
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000723999983
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	459.209991
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000440000003
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	88.3000031
/ehDyn AutoCntrLoSpd M str.VehSpd kph f32	34.2999992
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.3000002
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	63.2999992
/ehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	43190
/ehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	3186

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Name         Input Value           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         3174948758           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         3382212733           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         459.209991           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32         7.20000025e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         459.209991           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         0.000923999993           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc         1           VehDyn_ForceCenterEnabled_Cnt_M_Igc         0           VehDyn_ForceCenterCffset_HwDeg_M_f32         -101.489998           VehDyn_HiSpdLearnt_Cnt_M_Igc         0           VehDyn_LoSpdLearnt_Cnt_M_Igc         0           VehDyn_MinOffset_HwDeg_M_f32         -483.34201           VehDyn_PinTrqSV_M_str.Sv_UIs_f32         -7           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.00046499999           VehDyn_SLPHwPos HwDeg_M_f32         -1		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         3382212733           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         459.209991           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32         7.20000025e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         459.209991           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         0.000923999993           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         0           VehDyn_ForceCenterEnabled_Cnt_M_lgc         0           VehDyn_ForceCenterOffset_HwDeg_M_f32         -101.489998           VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MinOffset_HwDeg_M_f32         -483.34201           VehDyn_PinTrqSV_M_str.SV_UIs_f32         -7           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.00046499999           VehDyn_PinTrqSV_M_str.K_UIs_f32		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32         459.209991           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_Uls_f32         7.20000025e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32         459.209991           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32         0.000923999993           VehDyn_AutoCntrLoSpd_M_str.Fitter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Fitter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Fitter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_ForceCenterCnabled_Cnt_M_lgc         0           VehDyn_ForceCenterOffset_HwDeg_M_f32         -101.489998           VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         -483.34201           VehDyn_PinTrqSV_M_str.SV_Uls_f32         -7           VehDyn_PinTrqSV_M_str.SV_Uls_f32         0.00046499999           VehDyn_SLPHwAuth_Uls_M_f32         0.617999971		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_Uls_f32         7.20000025e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32         459.209991           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_Uls_f32         0.000923999993           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         0           VehDyn_ForceCenterOffset_HwDeg_M_f32         -101.489998           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         1083.01404           VehDyn_MinOffset_HwDeg_M_f32         -83.34201           VehDyn_PinTrqSV_M_str.SV_Uls_f32         -7           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.00046499999           VehDyn_SLPHwAuth_Uls_M_f32         0.617999971		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32         459.209991           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_Uls_f32         0.000923999993           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         0           VehDyn_ForceCenterOffset_HwDeg_M_f32         -101.489998           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         1083.01404           VehDyn_MinOffset_HwDeg_M_f32         -483.34201           VehDyn_PinTrqSV_M_str.SV_Uls_f32         -7           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.00046499999           VehDyn_SLPHwAuth_Uls_M_f32         0.617999971		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_Uls_f32         0.000923999993           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         0           VehDyn_ForceCenterOffset_HwDeg_M_f32         -101.489998           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         1083.01404           VehDyn_MinOffset_HwDeg_M_f32         -483.34201           VehDyn_PinTrqSV_M_str.SV_Uls_f32         -7           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.00046499999           VehDyn_SLPHwAuth_Uls_M_f32         0.617999971		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         0           VehDyn_ForceCenterOffset_HwDeg_M_f32         -101.489998           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         1083.01404           VehDyn_MinOffset_HwDeg_M_f32         -483.34201           VehDyn_PinTrqSV_M_str.SV_UIs_f32         -7           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.00046499999           VehDyn_SLPHwAuth_UIs_M_f32         0.617999971		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         0           VehDyn_ForceCenterOffset_HwDeg_M_f32         -101.489998           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         1083.01404           VehDyn_MinOffset_HwDeg_M_f32         -483.34201           VehDyn_PinTrqSV_M_str.SV_UIs_f32         -7           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.00046499999           VehDyn_SLPHwAuth_UIs_M_f32         0.617999971		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         0           VehDyn_ForceCenterOffset_HwDeg_M_f32         -101.489998           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         1083.01404           VehDyn_MinOffset_HwDeg_M_f32         -483.34201           VehDyn_PinTrqSV_M_str.SV_UIs_f32         -7           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.00046499999           VehDyn_SLPHwAuth_UIs_M_f32         0.617999971		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         0           VehDyn_ForceCenterOffset_HwDeg_M_f32         -101.489998           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         1083.01404           VehDyn_MinOffset_HwDeg_M_f32         -483.34201           VehDyn_PinTrqSV_M_str.SV_UIs_f32         -7           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.00046499999           VehDyn_SLPHwAuth_UIs_M_f32         0.617999971		
VehDyn_ForceCenterOffset_HwDeg_M_f32         -101.489998           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         1083.01404           VehDyn_MinOffset_HwDeg_M_f32         -483.34201           VehDyn_PinTrqSV_M_str.SV_UIs_f32         -7           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.00046499999           VehDyn_SLPHwAuth_UIs_M_f32         0.617999971		
VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         1083.01404           VehDyn_MinOffset_HwDeg_M_f32         -483.34201           VehDyn_PinTrqSV_M_str.SV_UIs_f32         -7           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.00046499999           VehDyn_SLPHwAuth_UIs_M_f32         0.617999971		
VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         1083.01404           VehDyn_MinOffset_HwDeg_M_f32         -483.34201           VehDyn_PinTrqSV_M_str.SV_UIs_f32         -7           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.00046499999           VehDyn_SLPHwAuth_UIs_M_f32         0.617999971		
VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         1083.01404           VehDyn_MinOffset_HwDeg_M_f32         -483.34201           VehDyn_PinTrqSV_M_str.SV_UIs_f32         -7           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.00046499999           VehDyn_SLPHwAuth_UIs_M_f32         0.617999971		
VehDyn_MaxOffset_HwDeg_M_f32       1083.01404         VehDyn_MinOffset_HwDeg_M_f32       -483.34201         VehDyn_PinTrqSV_M_str.SV_UIs_f32       -7         VehDyn_PinTrqSV_M_str.K_UIs_f32       0.00046499999         VehDyn_SLPHwAuth_UIs_M_f32       0.617999971		
VehDyn_MinOffset_HwDeg_M_f32       -483.34201         VehDyn_PinTrqSV_M_str.SV_UIs_f32       -7         VehDyn_PinTrqSV_M_str.K_UIs_f32       0.00046499999         VehDyn_SLPHwAuth_UIs_M_f32       0.617999971		
VehDyn_PinTrqSV_M_str.SV_Uls_f32         -7           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.00046499999           VehDyn_SLPHwAuth_Uls_M_f32         0.617999971		
VehDyn_PinTrqSV_M_str.K_Uls_f32         0.00046499999           VehDyn_SLPHwAuth_Uls_M_f32         0.617999971		
VehDyn_SLPHwAuth_Uls_M_f32 0.617999971		
VehDyn_SrlHwAgVldTimer_mS_M_u32 1316564736		
k_HiSpdVDAuthority_Uls_f32 0.779999971		
k_HwTqMgnThd_HwNm_f32 5.25		
k_LoSpdVDAuthority_Uls_f32		
k_SrlHwAgVldTiThd_mS_u32 91986		
k_SysKinRatio_MtrDegpHwDeg_f32 10.1000004		
k_TravelXCDeadband_Uls_f32 21.9200001		
k_TravelXCHwAuthority_Uls_f32 0.190575004		
target_DtrmnElapsedTime_mS_u32_ElapsedTime 3437401088		
target_GetSystemTime_mS_u32_CurrentTime 1736795392		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	COMEOT HWDog f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32		
	HwTorque_HwNm_f32	
	MotorVelCRF_MtrRadpS_f32	
	RelHwPos_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_S	_SensorlessAuthority_Uls_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_S	_SensorlessHwPos_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc target_VehDyn_Per1_S	_SrlHwAgVld_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_S		
	_TorqueCmdCRF_MtrNm_f32	
	_VehicleSpeedValid_Cnt_Igc	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_V target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehicleSpeed_Kph_f32 target_VehicleSpee	_VehicleSpeed_Kph_f32	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value -342.909971  target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1177.04504		
target VehDyn Per1 HwTorque HwNm f32.value -8		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 1100		
target VehDyn Per1 RelHwPos HwDeg f32.value 459.209991		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value 0		
target_VehDyn_Per1_SriHwAg_HwDeg_f32.value -121.970001		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value 4.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value 0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 387.100006		
Name Actual Value	·	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 3174948758	3174948758	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3382212733	3382212733	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 459.209991	459.209991 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1	1	Ž
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0	0	-
·	1736795392	<b>✓</b>
VehDvn AutoCntrHiSpd M str.Timer1 mS u32 1736795392	3382212733	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         1736795392           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         3382212733		•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 3382212733	459.209991 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 3382212733	459.209991 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 3382212733 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 459.209991		<b>*</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32       3382212733         VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32       459.209991         VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32       459.209991	459.209991 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32       3382212733         VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32       459.209991         VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32       459.209991         VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc       0	459.209991 ± 0.0009	<i>y y y</i>



Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1736795392	1736795392	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733	3382212733	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	459.209991	459.209991 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	459.209991	459.209991 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	1177.04504	1177.04504	~
VehDyn_MinOffset_HwDeg_M_f32	-542.969971	-542.969971	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-7.00023937	-7.00023937 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1316564736	1316564736	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.617999971	0.617999971 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	337.23999	337.23999 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.148 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	31.3600006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	125.300003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.2999992
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	78.3000031
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	29076
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18715
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476707
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1001.01001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000926000008
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000926000008
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	94.5
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	246.399994
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.20000005
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	41.0999985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	7034
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	39056
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476707
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1001.01001
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000725999998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1001.01001
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000444000005
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	94.4000015
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	18.3999996

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.3999996		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	88.4000015		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	30404		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	30349		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476707		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1001.01001		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.21999968e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1001.01001		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000926000008		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1.58000004		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	1088.00598		
VehDyn_MinOffset_HwDeg_M_f32	-476.65799		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.30000019		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000465999998		
VehDyn_SLPHwAuth_Uls_M_f32	0.598999977		
VehDyn_SLPHwPos_HwDeg_M_f32	-111.709999		
VehDyn_SrlHwAgVldTimer_mS_M_u32	2075080192		
k_HiSpdVDAuthority_Uls_f32	0.233999997		
k_HwTqMgnThd_HwNm_f32	1.10000002		
k_LoSpdVDAuthority_Uls_f32	1		
k_SrlHwAgVldTiThd_mS_u32	12		
k_SysKinRatio_MtrDegpHwDeg_f32	25.1000004		
k_TraveIXCDeadband_UIs_f32	20.8899994		
k_TravelXCHwAuthority_Uls_f32 target DtrmnElapsedTime mS u32 ElapsedTime	0.191799998 3494315776		
target_Diffinitiapsed filine_ms_usz_trapsed filine target_GetSystemTime_ms_usz_CurrentTime	3437401088		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_Elapsed			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTim			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_L	Jls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Ci	nt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-536.710022		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1171.47595		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-8.30000019		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154.740005		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1001.01001		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-111.709999		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1 308 145500		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	398.145599	Expected Volume	D
Name Volt Dura Allaud li Cad Auto Cata Cata M. Inc.	Actual Value	Expected Value	Resul
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733	3382212733 3589476707	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3589476707 1001.01001	1001.01001 ± 0.009	
	1001.01001	0 ± 0.000009	
	0	1 U ± U.UUUUU	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0 0	0	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0 0 0	0	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0 0 0 1	0 0 0 1	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0 0 0	0 0 0	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0 0 0 1 3437401088	0 0 0 1 3437401088	



Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733	3382212733	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476707	3589476707	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1001.01001	1001.01001 ± 0.009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1001.01001	1001.01001 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	•
VehDyn_Initialize_Cnt_M_lgc	1	1	•
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	•
VehDyn_MaxOffset_HwDeg_M_f32	1171.47595	1171.47595	•
VehDyn_MinOffset_HwDeg_M_f32	-536.710022	-536.710022	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.29330063	6.29330015 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2075080192	2075080192	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1002.59003	1002.59003 ± 0.1	~

Test Step Call Trace				J.
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 CheckpointReached	1	_

Name	Input Value
	· ·
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	290.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	32.0999985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	14442
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1312.29004
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000928000023
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	448.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000928000023
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	126.400002
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	42.7999992
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.5
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	63.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3589476707
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1312.29004
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000728000014
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1312.29004
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000448000006
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	0
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	0
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt lgc	1

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VehDyn\_Per1



Name	Input Value		
VehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	126.5		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	88.5		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.5		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	75.5		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	10412		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3277		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476707		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1312.29004		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.23999983e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1312.29004		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000928000023		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	98.3300018		
VehDyn HiSpdLearnt Cnt M Igc	0		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	1092.99805		
VehDyn_MinOffset_HwDeg_M_f32	-469.973999		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.80000019		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000467000005		
VehDyn_SLPHwAuth_Uls_M_f32	0.579999983		
VehDyn_SLPHwPos_HwDeg_M_f32	-101.449997		
VehDyn_SrlHwAgVldTimer_mS_M_u32	954802432		
k_HiSpdVDAuthority_Uls_f32	1		
k_HwTqMgnThd_HwNm_f32	1.20000005		
k_LoSpdVDAuthority_Uls_f32	0		
k_SrlHwAgVldTiThd_mS_u32	45		
k_SysKinRatio_MtrDegpHwDeg_f32	86.099985		
k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32	19.8600006 0.193024993		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	463842816		
target_GetSystemTime_mS_u32_CurrentTime	3494315776		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_L		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeedValid_Ci		
target_Rte_Inst_Ap_venDyn.venDyn_Per1_venicleSpeed_Kpn_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	target_VehDyn_Per1_VehicleSpeed_Kph_f3 -530.450012		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1165.90698		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-8.60000038		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1312.29004		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-101.449997		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	489		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707	3589476707	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682	3796740682	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1312.29004	-1312.29004 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	448.5	448.5 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>V</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3494315776	3494315776	<b>✓</b>

3796740682

3796740682





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1312.29004	-1312.29004 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1312.29004	-1312.29004 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3494315776	3494315776	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682	3796740682	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1312.29004	-1312.29004 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1312.29004	-1312.29004 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1092.99805	1092.99805	~
VehDyn_MinOffset_HwDeg_M_f32	781.840027	781.840027	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.7923665	7.79236603 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	954802432	954802432	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.579999983	0.579999983 ± 0.004	•
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1413.73999	-1413.73999 ± 0.1	~

Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Mawa	Innut Value
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	604.5
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	124.5
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.5
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	32.5
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	40437
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	52716
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004656
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1089.29004
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00092999998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-157.490005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00092999998
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124.400002
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	124.5
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6.5999999
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	88.9000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21364
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52716
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1089.29004
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000730000029
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1089.29004
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000452000007

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Name	Input Value		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	0		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	124.699997		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	76.6999969		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.6999981		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	97.6999969		
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	16683		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22497		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3796740682		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004656		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1089.29004		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.25999998e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1089.29004		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00092999998		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1 198.240005		
VehDyn_ForceCenterOffset_HwDeg_M_f32 VehDyn_HiSpdLearnt_Cnt_M_lgc	198.240005		
VehDyn Initialize Cnt M lgc	1		
VehDyn_Initialize_Crit_M_igc  VehDyn_LoSpdLearnt_Crit_M_igc	1		
VehDyn_MaxOffset_HwDeg_M_f32	1097		
VehDyn_MinOffset_HwDeg_M_f32	-463		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.2000005		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000468000013		
VehDyn_SLPHwAuth_Uls_M_f32	0.56099999		
VehDyn_SLPHwPos_HwDeg_M_f32	-91.1900024		
VehDyn_SrlHwAgVldTimer_mS_M_u32	2728878080		
k_HiSpdVDAuthority_Uls_f32	0		
k_HwTqMgnThd_HwNm_f32	6.5		
k_LoSpdVDAuthority_Uls_f32	1		
k_SrlHwAgVldTiThd_mS_u32	65		
k_SysKinRatio_MtrDegpHwDeg_f32	56.2999992		
k_TravelXCDeadband_Uls_f32	18.8299999		
k_TravelXCHwAuthority_Uls_f32	0.194250003		
target_DtrmnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime	1759885568 463842816		
target_GetsystemTime_ms_u32_CurrentTime target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target VehDyn Per1 CcwEOT HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3:	2	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_l		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_C		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-524		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1160		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-8.89999962		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1009.29999		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1089		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	1		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-91.1900024 -7.3000019		
target_VehDyn_Per1_ronquectindckr_withhin_isz.value	-7.30000019 1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	500		
Name	Actual Value	Expected Value	Resul
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	I Coul
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	463842816	463842816	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004656	4004004656	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1089.29004	1089.29004 ± 0.009	•

-157.490005

0

0

 $VehDyn\_AutoCntrDetSpd\_M\_str.Filter1Enable\_Cnt\_lgc$ 

VehDyn\_AutoCntrDetSpd\_M\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32

-157.490005 ± 0.0009

0

0

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3796740682	3796740682	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1089.29004	1089.29004 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1089.29004	1089.29004 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3796740682	3796740682	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1089.29004	1089.29004 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1089.29004	1089.29004 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	71	71	~
VehDyn_MinOffset_HwDeg_M_f32	-463	-463	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	3.19427657	3.19427657 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2728878080	2728878080	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	890.76001	890.76001 ± 0.1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	~

Test Step 2.151 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	554.200012
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	84.1999969
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.19999981
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.2000008
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	2291
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	7778
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004656
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1503.19995
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000931999995
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1503.19995
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	456.5
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	35.7000008
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.3999996
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75.5
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	33198
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	7778
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004656
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1503.19995
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000731999986

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VehDyn\_Per1



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Name	Input Value		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1503.19995		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000456000009		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	456.700012		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	86.8000031		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.80000019		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.8000031		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27074		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004656		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1503.19995		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.28000014e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1503.19995		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000931999995		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc VehDyn_ForceCenterOffset HwDeq M f32	298.149994		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn LoSpdLearnt Cnt M Iqc	0		
VehDyn MaxOffset HwDeg M f32	1102.98206		
VehDyn MinOffset HwDeg M f32	-456.605988		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-5.4000001		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000468999991		
VehDyn_SLPHwAuth_Uls_M_f32	0.541999996		
VehDyn_SLPHwPos_HwDeg_M_f32	-80.9300003		
VehDyn_SrlHwAgVldTimer_mS_M_u32	824746752		
k_HiSpdVDAuthority_Uls_f32	1		
k_HwTqMgnThd_HwNm_f32	0.00120000006		
k_LoSpdVDAuthority_Uls_f32	0		
k_SrlHwAgVldTiThd_mS_u32	112		
k_SysKinRatio_MtrDegpHwDeg_f32	54.5		
k_TravelXCDeadband_Uls_f32	17.7999992		
k_TravelXCHwAuthority_Uls_f32	0.195474997		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1662097408 1759885568		
target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target Rte Inst Ap VehDyn.VehDyn Per1 HwTorque HwNm f32	target VehDyn Per1 HwTorque HwNm f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRa		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_H	wDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mtr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_0		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f	32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-517.929993		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1154.76904		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.19999981 835 860005		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.869995 -1503.19995		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	0 -80.9300003		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-80.9300003 1.2999995		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	499.440002		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004656	4004004656	-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631	4211268631	·
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1503.19995	-1503.19995 ± 0.009	•
Valadia Anta Onto Daton di Manta Dallitu Da Elito OVA I lunda anta OVA I lia 600	1502 10005	1502 10005 + 0.000	

-1503.19995

VehDyn\_AutoCntrDetSpd\_M\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32

-1503.19995 ± 0.009





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1759885568	1759885568	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631	4211268631	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1503.19995	-1503.19995 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1503.19995	-1503.19995 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1759885568	1759885568	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631	4211268631	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1503.19995	-1503.19995 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1503.19995	-1503.19995 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	1154.76904	1154.76904	~
VehDyn_MinOffset_HwDeg_M_f32	-517.929993	-517.929993	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-5.40177107	-5.40177107 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	824746752	824746752	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	~

Test Step Call Trace				
rest Step Call Trace				~
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	-
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	_

Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	
Rte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	600.099976
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	64.0999985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	41.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	38708
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2160073393
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	240.300003
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000934000011
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	240.300003
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584786
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	566
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	75.5
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.7999992
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	97.8000031
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	34188

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Name  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	Input Value  4211268631  2160073393  240.300003  0.000734000001  240.300003  0.00046000001
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	2160073393 240.300003 0.000734000001 240.300003
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	240.300003 0.000734000001 240.300003
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0.000734000001 240.300003
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	240.300003
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0.00046000001
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	566.799988
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	96.699969
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.6999981
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	42.700008
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	53759 18715
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2160073393
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	240.300003
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.30000029e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	240.300003
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000934000011
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	398.059998
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1107.974
VehDyn_MinOffset_HwDeg_M_f32	-449.921997
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.5999999
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000469999999
VehDyn_SLPHwAuth_Uls_M_f32	0.523000002
VehDyn_SLPHwPos_HwDeg_M_f32	-70.6699982
VehDyn_SrlHwAgVldTimer_mS_M_u32	309385728
k_HiSpdVDAuthority_Uls_f32 k_HwTqMqnThd_HwNm_f32	0 1.10000002
	1.10000002
k_LoSpdVDAuthority_Uls_f32 k_SrlHwAgVldTiThd_mS_u32	1385
k_SysKinRatio_MtrDegpHwDeg_f32	41.099985
k_TravelXCDeadband_Uls_f32	16.7700005
k_TravelXCHwAuthority_Uls_f32	0.196700007
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2127166208
target_GetSystemTime_mS_u32_CurrentTime	1662097408
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	309385728
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-511.670013
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1149.19995
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.5 935 400072
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.409973
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	240.300003
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	70.000000
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-70.6699982 5 5000000
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	5.5999999
target_venDyn_Per1_venicleSpeedvalid_Cnt_igc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	1 120
tangot_vonibyii_i oi i_vonioloopeeu_t\pii_loz.value	Actual Value Expected Value Resu
Name	Actual value Resu





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631	4211268631	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2160073393	2160073393	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	240.300003	240.300003 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	240.300003	240.300003 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1662097408	1662097408	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2160073393	2160073393	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	240.300003	240.300003 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	240.300003	240.300003 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631	4211268631	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2160073393	2160073393	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	240.300003	240.300003 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	240.300003	240.300003 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1149.19995	1149.19995	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-511.670013	-511.670013	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.59202671	7.59202719 ± 0.000009	✓
VehDyn_SrlHwAgVldTimer_mS_M_u32	309385728	309385728	✓
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	<b>✓</b>
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-157.759995	-157.759995 ± 0.1	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.153 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	554.5
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	84.5
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.5
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.5
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004656
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-692.390015
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000936000026
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-692.390015
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000566000002
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	456.200012
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	35.7999992
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.3999996
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75.8000031

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Name Input Value	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 33198	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 7778	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 4004004656	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 4211268631	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -692.390015	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1	
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0	
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 456.899994	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 86.8000031	
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 6.80000019  VehDyn_AutoCntrl oSpd_M_str.Cntrl\( \) \( \	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32         86.8000031           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         5235	
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 27074	
VehDyn AutoCntrLoSpd M str.Timer1 mS u32 4004004656	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 4211268631	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -692.390015	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 7.31999971e-005	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -692.390015	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000936000026	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc     0       VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc     0	
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc 0	
VehDyn_ForceCenterEnabled_Cnt_M_lgc 1	
VehDyn_ForceCenterOffset_HwDeg_M_f32 497.970001	
VehDyn_HiSpdLearnt_Cnt_M_lgc 1	
VehDyn_Initialize_Cnt_M_lgc 1	
VehDyn_LoSpdLearnt_Cnt_M_lgc 1	
VehDyn_MaxOffset_HwDeg_M_f32 1112.96594	
VehDyn_MinOffset_HwDeg_M_f32         -443.238007           VehDyn_PinTrqSV_M_str.SV_UIs_f32         -5.4000001	
VehDyn_PinTrqSV_M_str.SV_Uls_f32         -5.4000001           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000471000007	
VehDyn SLPHwAuth Uls M f32 0.504000008	
VehDyn_SLPHwPos_HwDeg_M_f32 -60.4099998	
VehDyn_SrlHwAgVldTimer_mS_M_u32 2659241984	
k_HiSpdVDAuthority_Uls_f32 0	
k_HwTqMgnThd_HwNm_f32 2.0999999	
k_LoSpdVDAuthority_Uls_f32	
k_SrlHwAgVldTiThd_mS_u32 744	
k_SysKinRatio_MtrDegpHwDeg_f32	
k TravelXCHwAuthority Uls f32 0.197925001	
target DtrmnElapsedTime mS u32 ElapsedTime 1050692864	
target_GetSystemTime_mS_u32_CurrentTime 4243378688	
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi 3039943680	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 2659241984	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f132 target_VehDyn_	
target_Rte_Inst_Ap_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeq f32 target_VehDyn_Per1_RelHwPos_HwDeq	
target_Rte_inist_Ap_VeriDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority	-
target_Rte_inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_t	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeedValid_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -505.410004	<u>f</u> 32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -505.410004 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1143.63098	f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -505.410004 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1143.63098 target_VehDyn_Per1_HwTorque_HwNm_f32.value -9.80000019	f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -505.410004 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1143.63098 target_VehDyn_Per1_HwTorque_HwNm_f32.value -9.80000019 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value -835	f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -505.410004 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1143.63098 target_VehDyn_Per1_HwTorque_HwNm_f32.value -9.80000019 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value -835	f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value       -505.410004         target_VehDyn_Per1_CwEOT_HwDeg_f32.value       1143.63098         target_VehDyn_Per1_HwTorque_HwNm_f32.value       -9.80000019         target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value       -835         target_VehDyn_Per1_RelHwPos_HwDeg_f32.value       -692.390015	f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -505.410004 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1143.63098 target_VehDyn_Per1_HwTorque_HwNm_f32.value -9.80000019 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value -835 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -692.390015 target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value 1	f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value       -505.410004         target_VehDyn_Per1_CwEOT_HwDeg_f32.value       1143.63098         target_VehDyn_Per1_HwTorque_HwNm_f32.value       -9.80000019         target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value       -835         target_VehDyn_Per1_RelHwPos_HwDeg_f32.value       -692.390015         target_VehDyn_Per1_SrlHwAg_Vld_Cnt_lgc.value       1         target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value       -60.4099998	f32

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Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4243378688	4243378688	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631	4211268631	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-692.390015	-692.390015 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-692.390015	-692.390015 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	· ·
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631	4211268631	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-692.390015	-692.390015 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-692.390015	-692.390015 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631	4211268631	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-692.390015	-692.390015 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-692.390015	-692.390015 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	•
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	1112.96594	1112.96594	~
VehDyn_MinOffset_HwDeg_M_f32	186.980011	186.979996	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.40206099	-5.40206099 ± 0.000009	·
VehDyn_SrlHwAgVldTimer_mS_M_u32	2659241984	2659241984	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	-1190.35999	-1190.35999 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.154 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.399994
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.4000015
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.3999996
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58869
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1385.40002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000937999983
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1385.40002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000937999983
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	159
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	68.1999969
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.7999992

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.6999969
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1385.40002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000737999973
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1385.40002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000468000013
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	412.799988
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	106.900002
VehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	10.8999996
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.8999996
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1385.40002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.33999987e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1385.40002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000937999983
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	597.880005
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1117.95801
VehDyn_MinOffset_HwDeg_M_f32	-436.553986
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.5
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000472000014
VehDyn_SLPHwAuth_Uls_M_f32	0.485000014 -50.1500015
VehDyn_SLPHwPos_HwDeg_M_f32 VehDyn_SrlHwAgVldTimer_mS_M_u32	2942063360
k HiSpdVDAuthority Uls f32	1
k_HwTqMgnThd_HwNm_f32	3.099999
k_LoSpdVDAuthority_UIs_f32	0
k_SrlHwAgVldTiThd_mS_u32	700
k_SysKinRatio_MtrDegpHwDeg_f32	63.5
k TravelXCDeadband Uls f32	14.71
k TravelXCHwAuthority Uls f32	0.199149996
target DtrmnElapsedTime mS u32 ElapsedTime	4243378688
target GetSystemTime mS u32 CurrentTime	2127166208
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTi	1316564736
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
	-499.149994
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1138.06201
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.4000001
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-4.4000001 -456.359985
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-4.4000001 -456.359985 -1385.40002
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVid_Cnt_lgc.value	-4.4000001 -456.359985 -1385.40002
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-4.4000001 -456.359985 -1385.40002





Name	Input Value		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	-
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784	2967684784	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1385.40002	-1385.40002 ± 0.009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1385.40002	-1385.40002 ± 0.009	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	-
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2127166208	2127166208	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322	54822322	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1385.40002	-1385.40002 ± 0.009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1385.40002	-1385.40002 ± 0.009	-
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	-
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2127166208	2127166208	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322	54822322	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1385.40002	-1385.40002 ± 0.009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1385.40002	-1385.40002 ± 0.009	-
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	-
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_Initialize_Cnt_M_lgc	1	1	-
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_MaxOffset_HwDeg_M_f32	1117.95801	1117.95801	-
VehDyn_MinOffset_HwDeg_M_f32	886.25	886.25	•
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.49718106	1.49718106 ± 0.000009	-
VehDyn_SrlHwAgVldTimer_mS_M_u32	2942063360	2942063360	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	-
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	•

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	-
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.155 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime	
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	457.100006	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	34.0999985	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.1000004	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	88.0999985	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20423	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18715	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4294967295	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1036.69995	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000939999998	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1036.69995	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000939999998	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	10.1999998
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	45
VehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	18.1700001
	42.7999992
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	29076
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	43868
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1036.69995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000739999989
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1036.69995
	0.000472000014
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	10.3000002
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	116.300003
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.3000002
VehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	53.2999992
, - ,	
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21364
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52716
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1036.69995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.36000002e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1036.69995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00093999998
	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	697.789978
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	
VehDyn_MaxOffset_HwDeg_M_f32	1122.94995
VehDyn_MinOffset_HwDeg_M_f32	-429.869995
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000472999993
VehDyn SLPHwAuth Uls M f32	0.465999991
VehDyn SLPHwPos HwDeg M f32	-39.8899994
VehDyn SrlHwAgVldTimer mS M u32	562716928
k HiSpdVDAuthority UIs f32	0
_ ' '= -	i e
k_HwTqMgnThd_HwNm_f32	4.0999999
k_LoSpdVDAuthority_Uls_f32	1
k_SrlHwAgVldTiThd_mS_u32	701
k_SysKinRatio_MtrDegpHwDeg_f32	88.3000031
k_TravelXCDeadband_Uls_f32	13.6800003
k TravelXCHwAuthority Uls f32	0.200375006
target DtrmnElapsedTime mS u32 ElapsedTime	1050692864
target GetSystemTime mS u32 CurrentTime	4243378688
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	1117112832
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target VehDyn Per1 MotorVelCRF MtrRadpS f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-492.890015
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1132.49304
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-2
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	118.300003
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1036.69995





Name	Input Value		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-39.8899994		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	245		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4294967295	4294967295	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4243378688	4243378688	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1036.69995	-1036.69995 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1036.69995	-1036.69995 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322	54822322	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024	1024	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1036.69995	-1036.69995 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1036.69995	-1036.69995 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322	54822322	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024	1024	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1036.69995	-1036.69995 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1036.69995	-1036.69995 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	•
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	•
VehDyn_MaxOffset_HwDeg_M_f32	1132.49304	1132.49304	~
VehDyn_MinOffset_HwDeg_M_f32	-492.890015	-492.890015	•
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60021544	-1.60021544 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	562716928	562716928	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.156 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	9.39999962
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	18.3999996
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.3999996
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.4000015
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	255468
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1307.94995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000942000013
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1307.94995

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000942000013
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	56
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96.1999969
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.06999969
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	12.3999996
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	109643620
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1307.94995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDog_str.K_Uls_f32	0.000742000004
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1307.94995 0.000475999987
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrlspd_M_str.MtrVel_MtrRadpS_f32	56.099985
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	126.099998
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.099985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	33198
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	109643620
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1307.94995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.38000017e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1307.94995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000942000013
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	
VehDyn_ForceCenterOffset_HwDeg_M_f32	797.700012
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1127.94202
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	-423.186005 -14.8000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000474
VehDyn_SLPHwAuth_Uls_M_f32	0.446999997
VehDyn_SLPHwPos_HwDeg_M_f32	-29.6299992
VehDyn_SrlHwAgVldTimer_mS_M_u32	1250412672
k HiSpdVDAuthority Uls f32	1
k HwTqMgnThd HwNm f32	5.0999999
k_LoSpdVDAuthority_UIs_f32	0
k_SrlHwAgVldTiThd_mS_u32	702
k_SysKinRatio_MtrDegpHwDeg_f32	96.099985
k_TravelXCDeadband_Uls_f32	12.6499996
k_TravelXCHwAuthority_Uls_f32	0.2016
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3039943680
target_GetSystemTime_mS_u32_CurrentTime	1050692864
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u30\_Elapsed$	954802432
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u332\_CurrentTime_ms_u332\_CurrentTime_ms_u332\_CurrentTime_ms_u332\_CurrentTime_ms_u332\_CurrentTime_ms_u332\_CurrentTime_ms_u332\_CurrentTime_ms_u332\_CurrentTime_ms_u332\_CurrentTime_ms_u332\_CurrentTime_$	1736795392
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc





Name				
Imaged_VenDyn_Pert_Microrage_Hrwin_(Siz_value)	Name	Input Value		
target_VehDyn_Pert_Microvie(RF_MirRadpS_132 value) 1307-94995 1307-94995 1307-94995 1307-94995 1307-94996 1307-94997 1307-94996_13514400_H0Deg_152 value 2905-959998 1307-949998 1307-949998 1307-949998 1307-949998 1307-949998 1307-949998 1307-949998 1307-949998 1307-949998 1307-94998 1307-94998 1307-94998 1307-94998 1307-94998 1307-94995 1	target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1126.92395		
ImageL VehDyn_Perf_SrithwaQnL_Cnt_Ige value   1907-94995	target_VehDyn_Per1_HwTorque_HwNm_f32.value	5		
target_VehDyn_Pert_Srithwag-Vid_Cnt_lgs:value 1 arget_VehDyn_Pert_TorqueCmcKF_MrNm_f32.value 1 arget_VehDyn_Pert_TorqueCmcKF_MrNm_f32.value 1 arget_VehDyn_Pert_VehicleSpeed_Viali_Cnt_lgs:value 2 387.73999  Name	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1023.04999		
target_VehDyn_Pert_Srithwag_HwDeg_152_value	target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1307.94995		
target_VehDyn_Pert_TorqueCmdCRF_Mrkm_f3z value target_VehDyn_Pert_VehicleSpeedValid_Cnt_Igc-value  387.73999  Name  Actual Value  Expected Value  Result VehDyn_AutoCnttPiCyn_M_Igc  VehDyn_AutoCnttPiCyn_M_Igc  VehDyn_AutoCnttPiCyn_M_Igc  11  VehDyn_AutoCnttPiCyn_M_Igc  VehDyn_AutoCnttPiCyn_M_Igc  12  VehDyn_AutoCnttPiCyn_M_Igc  13  382212733  382212733  382212733  382212733  VehDyn_AutoCnttPiCyn_M_Igc  VehDyn_AutoCnttPiCyn_M_Igc  13  1307.94995  1307.94995  1307.94995  1007.94995	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_PerT_VehicleSpeed Kpi_132 value         0           Wame         Actual Value         Expected Value         Result           VehDyn_AllowHiSpdAutoChr_Cnt_M_Igc         1         1         1         ✓           VehDyn_AllowHiSpdAutoChr_Cnt_M_Igc         255468         255468         ✓           VehDyn_AllowChrDelSpd_M_str.Timer1_mS_u32         255468         255468         ✓           VehDyn_AutoChrDelSpd_M_str.Timer2_mS_u32         3382212733         3382212733         328212733         ✓           VehDyn_AutoChrDelSpd_M_str.Filler1Enable_Cnt_Igc         1307.94995         107.94995 ± 0.009         ✓           VehDyn_AutoChrDelSpd_M_str.Filler1Enable_Cnt_Igc         1         1         1         ✓           VehDyn_AutoChrDelSpd_M_str.Filler2Enable_Cnt_Igc         1         1         1         ✓           VehDyn_AutoChrDelSpd_M_str.Filler2Enable_Cnt_Igc         1         1         1         ✓           VehDyn_AutoChrDelSpd_M_str.Filler2Enable_Cnt_Igc         0         0         0         ✓           VehDyn_AutoChrDelSpd_M_str.Filler2Enable_Cnt_Igc         1         1         1         ✓           VehDyn_AutoChrtHSpd_M_str.Filler2Enable_Cnt_Igc         1         209667295         420967295         420967295         420967295         VehDyn_AutoChrtHSpd_M	target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-29.6299992		
Name	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.89999998		
Name         Actual Value         Expected Value         Result           VehDyn_AllowHiSpdAutoCnir_Cnt_M_Igc         1         1         1         √           VehDyn_AutoCnirDetSpd_M_str.Timert_mS_u32         255488         255488         ✓           VehDyn_AutoCnirDetSpd_M_str.Timert_mS_u32         3382212733         3382212733         ✓           VehDyn_AutoCnirDetSpd_M_str.Filter1Enable_Cnt_lgc         1307.94995         1307.94995 ± 0.009         ✓           VehDyn_AutoCnirDetSpd_M_str.Filter1Enable_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCnirDetSpd_M_str.Filter1Enable_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCnirDetSpd_M_str.Filter1mislaized_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCnirtHiSpd_M_str.Timer1_mS_u32         1050892864         1050892864         ✓         V           VehDyn_AutoCnirtHiSpd_M_str.Timer1_mS_u32         4290967295         4290967295         4290967295         ✓           VehDyn_AutoCnirtHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCnirtHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCnirtHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0         0	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lge         1         1         VerbOyn_AutoCntriDetSpd_M_str.Timer1_ms_u32         255468         255468         VerbOyn_AutoCntriDetSpd_M_str.Timer2_ms_u32         3382212733         3382212733         VerbOyn_AutoCntriDetSpd_M_str.Timer2_ms_u32         VerbOyn_AutoCntriDetSpd_M_str.Timer2_ms_u32         1307.94995         1307.94995 ± 0.009         VerbOyn_AutoCntriDetSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_132         1307.94995         1307.94995 ± 0.009         VerbOyn_AutoCntriDetSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_132         1307.94995         1307.94995 ± 0.009         VerbOyn_AutoCntriDetSpd_M_str.Filter1Enable_Cnt_lge         1         1         1         VerbOyn_AutoCntriDetSpd_M_str.Filter1Enable_Cnt_lge         1         1         1         VerbOyn_AutoCntriDetSpd_M_str.Filter1Initialized_Cnt_lge         0         0         0         VerbOyn_AutoCntriHiSpd_M_str.Filter1Initialized_Cnt_lge         0         0         0         VerbOyn_AutoCntriHiSpd_M_str.Filter1Initialized_Cnt_lge         1305692864         1305692864         1307.94995 ± 0.009         VerbOyn_AutoCntriHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_122         1307.94995         1307.94995 ± 0.009         VerbOyn_AutoCntriHiSpd_M_str.Filter1Enable_Cnt_lge         0         0         0         VerbOyn_AutoCntriHiSpd_M_str.Filter1Enable_Cnt_lge         0         0         0         VerbOyn_AutoCntriHiSpd_M_str.Filter1Initialized_Cnt_lge         0         0         0         VerbOyn_AutoCntriLo	target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	387.73999		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         255468         255468           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         3382212733         3382212733           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitISV_HwDeg_str.SV_UIs_f32         1307.94995         1307.94995 ± 0.009           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitISV_HwDeg_str.SV_UIs_f32         1307.94995         1307.94995 ± 0.009           VehDyn_AutoCntrDetSpd_M_str.FitterIEnable_Cnt_Ug         1         1           VehDyn_AutoCntrDetSpd_M_str.FitterIEnable_Cnt_Ug         1         1           VehDyn_AutoCntrDetSpd_M_str.FitterImaliazed_Cnt_Ug         0         0           VehDyn_AutoCntrHisbpd_M_str.FitterImaliazed_Cnt_Ug         0         0           VehDyn_AutoCntrHisbpd_M_str.Timer1_mS_u32         105692864         1506982864           VehDyn_AutoCntrHisbpd_M_str.FitterImaliazed_Cnt_Ug         1307.94995         1307.94995 ± 0.009           VehDyn_AutoCntrHisbpd_M_str.RelHwPosFittSV_HwDeg_str.SV_UIs_f32         1307.94995         1307.94995 ± 0.009           VehDyn_AutoCntrHisbpd_M_str.RelHwPosFittSV_HwDeg_str.SV_UIs_f32         1307.94995         1307.94995 ± 0.009           VehDyn_AutoCntrHisbpd_M_str.FitterImalialized_Cnt_Ug         0         0         0           VehDyn_AutoCntrHisbpd_M_str.FitterImalialized_Cnt_Ug         0         0         VehDyn_AutoCntrHisbpd_M_str.FitterImalialized_Cnt_Ug         1 </td <td>Name</td> <td>Actual Value</td> <td>Expected Value</td> <td>Result</td>	Name	Actual Value	Expected Value	Result
VenDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         3382212733         3382212733           VenDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32         1307.94995         1307.94995 ± 0.009         ✓           VenDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         1207.94995         1307.94995 ± 0.009         ✓           VenDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         1         1         1         ✓           VenDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         1         1         1         ✓           VenDyn_AutoCntrDetSpd_M_str.Filter1Initalized_Cnt_lgc         0         0         0         ✓           VenDyn_AutoCntrHispd_M_str.Filter2Initalized_Cnt_lgc         0         0         0         ✓           VenDyn_AutoCntrHispd_M_str.Timer1_mS_u32         1050692864         1050692864         ✓         VenDyn_AutoCntrHispd_M_str.Filter1Enable_Cnt_lgc         0         0         ✓           VenDyn_AutoCntrHispd_M_str.Filter1Enable_Cnt_lgc         0         0         0         ✓         VenDyn_AutoCntrHispd_M_str.Filter1Enable_Cnt_lgc         0         0         ✓         VenDyn_AutoCntrHispd_M_str.Filter1Enable_Cnt_lgc         0         0         ✓         VenDyn_AutoCntrHispd_M_str.Filter1Enable_Cnt_lgc         1         1         1         ✓         VenDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt3SV_HwDeg_str.SV_Uls_f32         1307.94995         1307.94995 ± 0.009         ✓           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt3SV_HwDeg_str.SV_Uls_f32         1307.94995         1307.94995 ± 0.009         ✓           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc         0         0         0         0         ✓           VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc         0         0         0         ✓         VehDyn_AutoCntrHispd_M_str.Filter1Enable_Cnt_lgc         0         0         0         ✓         VehDyn_AutoCntrHispd_M_str.Filter1Enable_Cnt_lgc         0         0         0         ✓         VehDyn_AutoCntrHispd_M_str.Filter1Enable_Cnt_lgc         0         0         0         ✓         VehDyn_AutoCntrHispd_M_str.Filter1Initialized_Cnt_lgc         0         0         0         ✓         VehDyn_AutoCntrHispd_M_str.Filter2Enable_Cnt_lgc         0         0         ✓         VehDyn_AutoCntrLispd_M_str.Filter2Enable_Cnt_lgc         1         1         1         ✓         VehDyn_AutoCntrLispd_M_str.Filter1Initialized_Cnt_lgc         0         0         0         ✓         VehDyn_AutoCntrLispd_	VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	255468	255468	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filler1Enable_Cnt_lgc         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         2         VehDyn_AutoCntrDetSpd_M_str.Filler1Enable_Cnt_lgc         1         1         1         1         2         VehDyn_AutoCntrDetSpd_M_str.Filler2Initialized_Cnt_lgc         0         0         0         0         2         VehDyn_AutoCntrDetSpd_M_str.Filler2Initialized_Cnt_lgc         0	VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733	3382212733	<b>✓</b>
VehDyn_AutCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         1         1         1         ✓           VehDyn_AutCntrDetSpd_M_str.Filter2Enable_Cnt_lgc         1         1         1         ✓           VehDyn_AutCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0         ✓           VehDyn_AutCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0         ✓           VehDyn_AutCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0         ✓           VehDyn_AutCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_Uls_f32         1307.94995         1307.94995 ±0.009         ✓           VehDyn_AutCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         1307.94995         1307.94995 ±0.009         ✓           VehDyn_AutCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0         0         ✓           VehDyn_AutCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0         0         ✓           VehDyn_AutCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0         0         0         ✓           VehDyn_AutCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         1         ✓           VehDyn_AutCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1         1         1         ✓           VehDyn_AutCntrLoSpd_M_str.Filte	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1307.94995	1307.94995 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         0         0         0           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         1050692864         1050692864         2           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         4290967295         4290967295         2           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_Uls_f32         1307.94995         1307.94995 ±0.009         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0         ✓         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0         ✓         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0         ✓         ✓           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         1050692864         1050692864         0         ✓         VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         4290967295         4290967295         ✓         VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         10         <	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1307.94995	1307.94995 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.FilterInitialized_Cnt_lgc         1         1         VeVenDyn_AutoCntrDetSpd_M_str.FilterInitialized_Cnt_lgc         0         0         VeVenDyn_AutoCntrDetSpd_M_str.FilterInitialized_Cnt_lgc         0         0         VeVenDyn_AutoCntrHiSpd_M_str.FilterInitialized_Cnt_lgc         1056692864         1056692864         VeVeNDyn_AutoCntrHiSpd_M_str.FilterInitialized_Cnt_lgc         4290967295         4290967295         4290967295         VeVeNDyn_AutoCntrHiSpd_M_str.FilterInitialized_Cnt_lgc         1307.94995         1307.94995 ± 0.009         VeVeNDyn_AutoCntrHiSpd_M_str.FilterInitialized_Cnt_lgc         0         0         0         VeVeNDyn_AutoCntrHiSpd_M_str.FilterInitialized_Cnt_lgc         0         0         0         VeVeNDyn_AutoCntrHiSpd_M_str.FilterInitialized_Cnt_lgc         0         0         0         VeVeNDyn_AutoCntrHiSpd_M_str.FilterInitialized_Cnt_lgc         0         0         0         VeVeNDyn_AutoCntrLoSpd_M_str.FilterInitialized_Cnt_lgc         1         1         1         1         VeVeNDyn_AutoCntrLoSpd_M_str.FilterInitialized_Cnt_lgc         1         1         1         VeVeNDyn_AutoCntrLoSpd_M_str.FilterInitialized_Cnt_lgc         1         1         1         1         VeVeNDyn_AutoCntrLoSpd_M_str.FilterInitialized_Cnt_lgc         0         0         0         VeVeNDyn_AutoCntrLoSpd_M_str.FilterInitialized_Cnt_lgc         1         1         1         VeVeNDyn_AutoCntrLoSpd_M_str.FilterInitialized_Cnt_lgc         1	VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Ige         0         0         VehDyn_AutoCntrHiSpd_M_str.Filter1_mS_u32         1050692864         1050692864         0         VehDyn_AutoCntrHiSpd_M_str.Filter2_mS_u32         4290667295         4290967295 </td <td>VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc</td> <td>1</td> <td>1</td> <td><b>✓</b></td>	VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         1050692864         1050692864         4290967295         42909	VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         4290967295         4290967295         ✓           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         1307.94995         1307.94995 ± 0.009         ✓           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         1307.94995         1307.94995 ± 0.009         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         1307.94995         1307.94995 ± 0.009         ✓           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         1307.94995         1307.94995 ± 0.009         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1         ✓	VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         1307.94995         1307.94995 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         1307.94995         1307.94995 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt.lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt.lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initalized_Cnt.lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initalized_Cnt.lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         1050692864         1050692864           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         1307.94995         1307.94995 ± 0.009           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         1         1         VehDyn_str.Str.Filter1Initialized_Cnt.lgc         0         0         VehDyn_str.Filter1Initiali	VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1050692864	1050692864	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         1307.94995         1307.94995 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         1050692864         1050692864           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         4290967295         4290967295           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         1307.94995         1307.94995 ± 0.009           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         1307.94995         1307.94995 ± 0.009           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0         ✓///> VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         ✓///> VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         ✓///> VehDyn_LoSpd_Learnt_Cnt_M_lgc         0         0         ✓///> VehDyn_LoSpd_Learnt_Cnt_M_lgc         0         0         ✓///> VehDyn_LoSpd_Learnt_Cnt_M_lgc         1         1         ✓///> VehDyn_ManOffset_HwDeg_M_f	VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295	4290967295	<b>✓</b>
VehDyn_AutoCntrHISpd_M_str.Filter1Enable_Cnt_lgc         0         0         ✓           VehDyn_AutoCntrHISpd_M_str.Filter2Enable_Cnt_lgc         0         0         ✓           VehDyn_AutoCntrHISpd_M_str.Filter2Initialized_Cnt_lgc         0         0         ✓           VehDyn_AutoCntrHISpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1         0           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         1050692864         1050692864         ✓           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         4290967295         4290967295         ✓           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         1307.94995         1307.94995±0.009         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1 <t< td=""><td>VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32</td><td>1307.94995</td><td>1307.94995 ± 0.009</td><td><b>✓</b></td></t<>	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1307.94995	1307.94995 ± 0.009	<b>✓</b>
VehDyn_AutoCnttrHiSpd_M_str.Filter2Enable_Cnt_Igc         0         0         V           VehDyn_AutoCnttrHiSpd_M_str.Filter2Initialized_Cnt_Igc         0         0         V           VehDyn_AutoCnttrHiSpd_M_str.Filter2Initialized_Cnt_Igc         1         1         0         V           VehDyn_AutoCnttrLiSpd_M_str.Filter2Initialized_Cnt_Igc         105692864         1050692864         0         V           VehDyn_AutoCnttrLoSpd_M_str.Timer2_mS_u32         4290967295         4290967295         4290967295         V         V         V         VehDyn_AutoCnttrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         1307.94995         1307.94995 ±0.009         V         V         VehDyn_AutoCnttrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         1307.94995         1307.94995 ±0.009         V         V         VehDyn_AutoCnttrLoSpd_M_str.Filter2Enable_Cnt_Igc         0         0         V         VehDyn_AutoCnttrLoSpd_M_str.Filter2Enable_Cnt_Igc         1         1         1         V         VehDyn_AutoCnttrLoSpd_M_str.Filter2Initialized_Cnt_Igc         1         1         1         V         VehDyn_AutoCnttrLoSpd_M_str.Filter2Initialized_Cnt_Igc         1         1         V         VehDyn_LoSpd_Learnt_Cnt_M_Igc         0         0         V         VehDyn_Initialize_Cnt_M_Igc         0         0         V         VehDyn_LoSpd_Learnt_Cnt_M_Igc         0 <td< td=""><td>VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32</td><td>1307.94995</td><td>1307.94995 ± 0.009</td><td><b>✓</b></td></td<>	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1307.94995	1307.94995 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         1050692864         1050692864           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         4290967295         4290967295           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_UIs_f32         1307.94995         1307.94995 ± 0.009           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_UIs_f32         1307.94995         1307.94995 ± 0.009           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0           VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0           VehDyn_MaxOffset_HwDeg_M_f32         1126.92395         1126.92395           VehDyn_MinOffset_HwDeg_M_f32         486.630005         486.630005	VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         V           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         1050692864         1050692864         V           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         4290967295         4290967295         V           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         1307.94995         1307.94995 ± 0.009         V           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0         V           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1         1         V           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         V           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1         V           VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0         0         V           VehDyn_Initialize_Cnt_M_lgc         0         0         V           VehDyn_Initialize_Cnt_M_lgc         0         0         V           VehDyn_MaxOffset_HwDeg_M_f32         1126.92395         1126.92395         V           VehDyn_MinOffset_HwDeg_M_f32         -486.630005         -486.630005         V           VehDyn_SrlHwAgVIdTimer_mS_M_u32         1250412672         1250412672         125	VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         1050692864         4290967295         4290967295           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         4290967295         4290967295         4290967295           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         1307.94995         1307.94995 ± 0.009         4           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         1307.94995         1307.94995 ± 0.009         4           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0         4           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1         1         4         4           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1         4         4           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1         4         <	VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	✓
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       4290967295       4290967295         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32       1307.94995       1307.94995 ± 0.009         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32       1307.94995       1307.94995 ± 0.009         VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc       0       0         VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1       1         VehDyn_HiSpdLearnt_Cnt_M_lgc       0       0         VehDyn_Initialize_Cnt_M_lgc       0       0         VehDyn_LoSpdLearnt_Cnt_M_lgc       0       0         VehDyn_MaxOffset_HwDeg_M_f32       1126.92395       1126.92395         VehDyn_MinOffset_HwDeg_M_f32       486.630005       486.630005         VehDyn_PinTrqSV_M_str.SV_UIs_f32       -14.7906246       -14.7906246 ±0.00009         VehDyn_SrIHwAgVIdTimer_mS_M_u32       1250412672       12504	VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFittSV_HwDeg_str.SV_UIs_f32         1307.94995         1307.94995 ± 0.009           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_UIs_f32         1307.94995         1307.94995 ± 0.009           VehDyn_AutoCntrLoSpd_M_str.Fitter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Fitter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Fitter2Initialized_Cnt_lgc         0         0           VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0           VehDyn_Initialize_Cnt_M_lgc         0         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0           VehDyn_MaxOffset_HwDeg_M_f32         1126.92395         1126.92395           VehDyn_MinOffset_HwDeg_M_f32         -486.630005         -486.630005           VehDyn_PinTrqSV_M_str.SV_UIs_f32         -14.7906246         -14.7906246 ±0.00009           VehDyn_SrIHwAgVIdTimer_mS_M_u32         1250412672         1250412672 <t< td=""><td>VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32</td><td>1050692864</td><td>1050692864</td><td>~</td></t<>	VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1050692864	1050692864	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32       1307.94995       1307.94995 ± 0.009         VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc       0       0         VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1       1         VehDyn_HiSpdLearnt_Cnt_M_lgc       0       0         VehDyn_Initialize_Cnt_M_lgc       1       1         VehDyn_LoSpdLearnt_Cnt_M_lgc       0       0         VehDyn_MaxOffset_HwDeg_M_f32       1126.92395       1126.92395         VehDyn_MinOffset_HwDeg_M_f32       486.630005       486.630005         VehDyn_PinTrqSV_M_str.SV_Uls_f32       -14.7906246       -14.7906246 ± 0.00009         VehDyn_SrlHwAgVIdTimer_mS_M_u32       1250412672       1250412672         target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value       1       1       1 ± 0.004	VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295	4290967295	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0           VehDyn_Initialize_Cnt_M_lgc         1         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0           VehDyn_MaxOffset_HwDeg_M_f32         1126.92395         1126.92395           VehDyn_MinOffset_HwDeg_M_f32         -486.630005         -486.630005           VehDyn_PinTrqSV_M_str.SV_UIs_f32         -14.7906246         -14.7906246 ± 0.00009           VehDyn_SrlHwAgVIdTimer_mS_M_u32         1250412672         1250412672           target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value         1         1 ± 0.004	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1307.94995	1307.94995 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1         1         4           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         4           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1         4           VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0         0         •         •           VehDyn_Initialize_Cnt_M_lgc         0         0         0         •         •           VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0         0         •         •           VehDyn_MaxOffset_HwDeg_M_f32         1126.92395         1126.92395         •         •         •           VehDyn_MinOffset_HwDeg_M_f32         -486.630005         -486.630005         •	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1307.94995	1307.94995 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1         ✓           VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0         0         ✓           VehDyn_Initialize_Cnt_M_lgc         1         1         1         ✓           VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0         0         ✓           VehDyn_MaxOffset_HwDeg_M_f32         1126.92395         1126.92395         ✓           VehDyn_MinOffset_HwDeg_M_f32         -486.630005         -486.630005         ✓           VehDyn_PinTrqSV_M_str.SV_UIs_f32         -14.7906246         -14.7906246 ± 0.00009         ✓           VehDyn_SrlHwAgVIdTimer_mS_M_u32         1250412672         1250412672         ✓           target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value         1         1 ± 0.004         ✓	VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         ✓           VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0         ✓           VehDyn_Initialize_Cnt_M_lgc         1         1         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0         ✓           VehDyn_MaxOffset_HwDeg_M_f32         1126.92395         1126.92395         ✓           VehDyn_MinOffset_HwDeg_M_f32         -486.630005         -486.630005         ✓           VehDyn_PinTrqSV_M_str.SV_UIs_f32         -14.7906246         -14.7906246 ± 0.00009         ✓           VehDyn_SrlHwAgVIdTimer_mS_M_u32         1250412672         1250412672         ✓           target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value         1         1         0.004         ✓	VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0         ✓           VehDyn_Initialize_Cnt_M_lgc         1         1         1         ✓           VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0         ✓         ✓           VehDyn_MaxOffset_HwDeg_M_f32         1126.92395         1126.92395         ✓         ✓           VehDyn_MinOffset_HwDeg_M_f32         -486.630005         -486.630005         ✓         ✓           VehDyn_PinTrqSV_M_str.SV_UIs_f32         -14.7906246         -14.7906246 ± 0.00009         ✓           VehDyn_SrlHwAgVIdTimer_mS_M_u32         1250412672         1250412672         ✓           target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value         1         1 ± 0.004         ✓	VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	✓
VehDyn_Initialize_Cnt_M_lgc       1       1       √         VehDyn_LoSpdLearnt_Cnt_M_lgc       0       0       ✓         VehDyn_MaxOffset_HwDeg_M_f32       1126.92395       1126.92395       ✓         VehDyn_MinOffset_HwDeg_M_f32       -486.630005       -486.630005       ✓         VehDyn_PinTrqSV_M_str.SV_Uls_f32       -14.7906246       -14.7906246 ± 0.00009       ✓         VehDyn_SrlHwAgVldTimer_mS_M_u32       1250412672       1250412672       ✓         target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value       1       1 ± 0.004       ✓	VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc       0       0         VehDyn_MaxOffset_HwDeg_M_f32       1126.92395       1126.92395         VehDyn_MinOffset_HwDeg_M_f32       -486.630005       -486.630005         VehDyn_PinTrqSV_M_str.SV_Uls_f32       -14.7906246       -14.7906246 ± 0.00009         VehDyn_SrlHwAgVldTimer_mS_M_u32       1250412672       1250412672         target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value       1       1 ± 0.004	VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32       1126.92395       1126.92395         VehDyn_MinOffset_HwDeg_M_f32       -486.630005       -486.630005         VehDyn_PinTrqSV_M_str.SV_UIs_f32       -14.7906246       -14.7906246 ± 0.00009         VehDyn_SrlHwAgVIdTimer_mS_M_u32       1250412672       1250412672         target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value       1       1 ± 0.004	VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_MinOffset_HwDeg_M_f32       -486.630005       -486.630005         VehDyn_PinTrqSV_M_str.SV_Uls_f32       -14.7906246       -14.7906246 ± 0.00009         VehDyn_SrlHwAgVldTimer_mS_M_u32       1250412672       1250412672         target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value       1       1 ± 0.004	VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32       -14.7906246       -14.7906246 ± 0.00009         VehDyn_SrlHwAgVldTimer_mS_M_u32       1250412672       1250412672         target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value       1       1 ± 0.004	VehDyn_MaxOffset_HwDeg_M_f32	1126.92395	1126.92395	~
VehDyn_SrlHwAgVldTimer_mS_M_u32       1250412672       1250412672         target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value       1       1 ± 0.004	VehDyn_MinOffset_HwDeg_M_f32	-486.630005	-486.630005	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value 1 1 1 ± 0.004	VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.7906246	-14.7906246 ± 0.00009	~
a.igo voi.b)ii oi i_coilocoi a.i.oi.i.y_oic_ica:i.a.i	VehDyn_SrlHwAgVldTimer_mS_M_u32	1250412672	1250412672	<b>✓</b>
target VehDyn Per1 SensorlessHwPos HwDeg f32.value 510.249939 510.25 ± 0.1 ✓	target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	<b>✓</b>
<u> </u>	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	510.249939	510.25 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	-
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.157 (Repeat Count = 1)	v
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	533.099976
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	88.4000015
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.47000003
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	10.3999996
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36612
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	164464918

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-893.640015
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000944000029
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-893.640015
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000944000029
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86.1999969
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	129
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.80000019
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	53.2999992
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	40437
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	13059 164464918
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-893.640015
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000744000019
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-893.640015
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000479999988
VehDyn AutoCntrHiSpd M str.Filter1Enable Cnt Igc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	86.1999969
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	136.199997
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.2000008
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.1999969
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	34188
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	164464918
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-893.640015
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.40000032e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-893.640015
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000944000029
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	
VehDyn_ForceCenterEnabled_Cnt_M_lgc VehDyn_ForceCenterOffset HwDeq M f32	897.609985
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_Initialize_ont_in_ige  VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn MaxOffset HwDeg M f32	1132.93396
VehDyn_MinOffset_HwDeg_M_f32	-416.502014
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7999992
VehDyn PinTrqSV M str.K Uls f32	0.000475000008
VehDyn_SLPHwAuth_Uls_M_f32	0.428000003
VehDyn_SLPHwPos_HwDeg_M_f32	-19.3700008
VehDyn_SrlHwAgVldTimer_mS_M_u32	1529874944
k_HiSpdVDAuthority_Uls_f32	0
k_HwTqMgnThd_HwNm_f32	6.099999
k_LoSpdVDAuthority_UIs_f32	1
k_SrlHwAgVldTiThd_mS_u32	703
k_SysKinRatio_MtrDegpHwDeg_f32	32.0999985
k_TravelXCDeadband_Uls_f32	11.6199999
k_TravelXCHwAuthority_UIs_f32	0.202824995
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1316564736
target_GetSystemTime_mS_u32_CurrentTime	3039943680
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	



Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCm	dCRF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpe	eed_Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-480.369995		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1121.35498		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	5.55999994		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-147		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-893.640015		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-19.3700008		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.19999981		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	398		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3039943680	3039943680	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-893.640015	-893.640015 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-893.640015	-893.640015 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	·
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	·
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	164464918	164464918	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779	1078320779	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-893.640015	-893.640015 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-893.640015	-893.640015 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	164464918	164464918	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779	1078320779	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-893.640015	-893.640015 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-893.640015	-893.640015 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	Ī	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	1132.93396	1132.93396	
VehDyn_MinOffset_HwDeg_M_f32	413.27002	413.269989	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7943058	17.7943077 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1529874944	1529874944	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-19.3700008	-19.3700008 ± 0.1	<b>✓</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.158 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime	
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	570.02002	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	76.1999969	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.19999981	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	25.2000008	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	49475	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22037
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	616.409973
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000945999986
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	616.409973
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000945999986
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc	7,400000
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	75.1999969
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	88.8000031 16.0300007
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.9000015
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	2291
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	616.409973
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000745999976
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	616.409973
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000483999989
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	75.4000015
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	146.399994
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.3999996
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	45.4000015
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	616.409973
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.41999975e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	616.409973 0.000945999986
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000945999990
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
VehDyn ForceCenterEnabled Cnt M Igc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	997.52002
VehDyn HiSpdLearnt Cnt M Igc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn MaxOffset HwDeg M f32	1137.92603
VehDyn MinOffset HwDeg M f32	-409.817993
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-7
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000475999987
VehDyn_SLPHwAuth_Uls_M_f32	0.409000009
VehDyn_SLPHwPos_HwDeg_M_f32	-9.10999966
VehDyn_SrlHwAgVldTimer_mS_M_u32	889019776
k_HiSpdVDAuthority_Uls_f32	1
k_HwTqMgnThd_HwNm_f32	7.0999999
k_LoSpdVDAuthority_Uls_f32	0
k_SrlHwAgVldTiThd_mS_u32	9000
k_SysKinRatio_MtrDegpHwDeg_f32	52.2999992
k_TravelXCDeadband_Uls_f32	10.5900002
k_TravelXCHwAuthority_UIs_f32	0.204050004
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2075080192
target_GetSystemTime_mS_u32_CurrentTime	1316564736
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCm	dCRF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpe	eedValid_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpe	eed_Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-474.109985		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1115.78601		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	6.11999989		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	88.8700027		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	616.409973		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-9.10999966		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.39999962		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	489.450012		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1	1	~
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	219286216	219286216	<b>✓</b>
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	4294967295	4294967295	<b>✓</b>
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	616.409973	616.409973 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	616.409973	616.409973 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1316564736	1316564736	•
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	2138628886	2138628886	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	616.409973	616.409973 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	616.409973	616.409973 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1316564736	1316564736	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886	2138628886	
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	616.409973	616.409973 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	616.409973	616.409973 ± 0.0009	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn Initialize Cnt M Igc	1	1	-
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	499.376038	499.376007	<b>✓</b>
VehDyn MinOffset HwDeg M f32	-409.817993	-409.817993	•
VehDyn PinTrgSV M str.SV Uls f32	-6.99383116	-6.99383116 ± 0.000009	-
VehDyn_SrlHwAgVldTimer_mS_M_u32	889019776	889019776	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	-
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	-9.10999966	-9.10999966 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	<b>~</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	-
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.159 (Repeat Count = 1)		~
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime	
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	497.100006	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	86.099985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.099999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43128
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3186
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	255468
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-833.309998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000948000001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-833.309998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000948000001
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	98.8000031
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	76.099985
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.04
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	274107514
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892860
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-833.309998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000747999991
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-833.309998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000487999991
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	98.5
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156.5
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.5
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	78.5
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	34738
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36612
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892860
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-833.309998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	7.4399999e-005
VehDyn AutoCntrLoSpd M str.RelHwPosFitt2SV_HwDeg_str.Sv_Ois_i32	-833.309998 0.000948000001
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	1097.43005
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1142.91797
VehDyn_MinOffset_HwDeg_M_f32	-403.134003
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.30000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000476999994
VehDyn_SLPHwAuth_Uls_M_f32	0.389999986
VehDyn_SLPHwPos_HwDeg_M_f32	1.14999998
VehDyn_SrlHwAgVldTimer_mS_M_u32	751082240
k_HiSpdVDAuthority_Uls_f32	0
k_HwTqMgnThd_HwNm_f32	8.10000038
k_LoSpdVDAuthority_UIs_f32	1
k_SrlHwAgVldTiThd_mS_u32	1000
k_SysKinRatio_MtrDegpHwDeg_f32	10.1000004
k_TravelXCDeadband_Uls_f32	9.56000042
k_TraveIXCHwAuthority_UIs_f32	0.205274999
target_DtrmnElapsedTime_mS_u32_ElapsedTime	954802432
target_GetSystemTime_mS_u32_CurrentTime	2075080192
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime target Rte Call Ap VehDyn SystemTime CetSystemTime mS u32 CurrentTime	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	463842816
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelC	RF_MtrRadpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos	_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_Sensorless	sAuthority_Uls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_Sensorless	sHwPos_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVl	ld_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_l	HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCm	dCRF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpe	eedValid_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpe	eed_Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-467.850006		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1110.21704		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	6.67999983		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-75.4400024		
target VehDyn Per1 RelHwPos HwDeg f32.value	-833.309998		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target VehDyn Per1 SrlHwAg HwDeg f32.value	1.14999998		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	500		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	-
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	274107514	274107514	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	255468	255468	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-833.309998	-833.309998 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-833.309998	-833.309998 ± 0.0009	
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	-
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	274107514	274107514	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2075080192	2075080192	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-833.309998	-833.309998 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-833.309998	-833.309998 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514	274107514	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892860	2345892860	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-833.309998	-833.309998 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-833.309998	-833.309998 ± 0.0009	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc	0	0	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
VehDyn HiSpdLearnt Cnt M lgc	1	1	
VehDyn Initialize Cnt M Igc	1	1	
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	
VehDyn_MaxOffset_HwDeg_M_f32	1110.21704	1110.21704	
VehDyn MinOffset HwDeg M f32	-467.850006	-467.850006	
VehDyn PinTrqSV M str.SV Uls f32	6.30041265	6.30041265 ± 0.000009	
VehDyn_SrlHwAgVIdTimer_mS_M_u32	751082240	751082240	
VOID JII_OII IV IS VIG TIII OI_IV _ GOZ	101002270	131002240	
target VehDyn Per1 SensorlessAuthority Uls f32.value	1	1 ± 0.004	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	•
Pte Call VehDyn Pert CP1 CheckpointPeached	1	Pto Call VehDyn Part CP1 ChecknointPeached	1	

Test Step 2.160 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime

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Name	Input Value
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	31.2999992
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	96.3000031
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.3000019
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	56.2999992
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53759 30349
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
/ehDyn AutoCntrDetSpd M str.Timer2 mS u32	2553156835
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1124.05005
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000950000016
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1124.05005
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000950000016
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	66.5
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	86.599985
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	12.0500002
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	45.5999985
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	328928812
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1124.05005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000750000007
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1124.05005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000492000021
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	66.599985
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	126.599998 5.599999
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.5999985
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	37799
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	41632
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	328928812
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1124.05005
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.46000005e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1124.05005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000950000016
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_ForceCenterEnabled_Cnt_M_lgc	0
/ehDyn_ForceCenterOffset_HwDeg_M_f32	1197.33997
/ehDyn_HiSpdLearnt_Cnt_M_lgc	1
/ehDyn_Initialize_Cnt_M_lgc	0
/ehDyn_LoSpdLearnt_Cnt_M_lgc	0
/ehDyn_MaxOffset_HwDeg_M_f32	1147.91003
/ehDyn_MinOffset_HwDeg_M_f32	-396.450012
/ehDyn_PinTrqSV_M_str.SV_Uls_f32	15.1999998
/ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000478000002
ehDyn_SLPHwAuth_Uls_M_f32	0.370999992
/ehDyn_SLPHwPos_HwDeg_M_f32	11.409998
/ehDyn_SrlHwAgVldTimer_mS_M_u32	108313216
_HiSpdVDAuthority_Uls_f32	0
C_HwTqMgnThd_HwNm_f32	9.10000038
x_LoSpdVDAuthority_UIs_f32	0
c_SrlHwAgVldTiThd_mS_u32	20045
x_SysKinRatio_MtrDegpHwDeg_f32	25.2999992
x_TravelXCDeadband_Uls_f32	8.52999973
x_TraveIXCHwAuthority_UIs_f32	0.206499994
arget_DtrmnElapsedTime_mS_u32_ElapsedTime	2728878080 954802432
arget_GetSystemTime_mS_u32_CurrentTime	

VehDyn\_Per1



Name	Input Value		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	1759885568		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3:	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRac	lpS f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	<del></del>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_C	nt Igc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-461.589996		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1104.64795		
target VehDyn Per1 HwTorque HwNm f32.value	7.23999977		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1124.05005		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	11.4099998		
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	-4.5		
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	75		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	_
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	328928812	328928812	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835	2553156835	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1124.05005	-1124.05005 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1124.05005	-1124.05005 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	-
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	-
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	954802432	954802432	-
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835	2553156835	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1124.05005	-1124.05005 ± 0.009	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1124.05005	-1124.05005 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	0	0	-
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	328928812	328928812	-
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	2553156835	2553156835	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1124.05005	-1124.05005 ± 0.009	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1124.05005	-1124.05005 ± 0.0009	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt lgc	1	1	
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt lgc	1	1	
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	
VehDyn_Initialize_Cnt_M_lgc	1	1	
	0	0	
VehDvn LoSpdLearnt Cnt M lgc		1104.64795	
	1104 64795		
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	1104.64795 -461.589996		-
VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	-461.589996	-461.589996	
VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	-461.589996 15.1961098	-461.589996 15.1961098 ± 0.00009	
VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	-461.589996	-461.589996	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 CheckpointReached	1	_

Test Step 2.161 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime



Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	290.299988
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.300003
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.3000002
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	54.2999992
/ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	13352
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3277
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	383750110
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-136.300003
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000951999973
	-136.300003
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0.000951999973
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	34.2999992
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96.8000031
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.0500002
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	78.5
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20423
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31368
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	383750110
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-136.300003
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000752000022
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-136.300003
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00495999993
	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	34.099985
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	136.100006
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1.10000002
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32.0999985
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	26195
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22037
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	383750110
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-136.300003
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.4800002e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-136.300003
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000951999973
/ehDyn AutoCntrLoSpd M str.Filter1Enable Cnt lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_ForceCenterEnabled_Cnt_M_lgc	0
	1297.25
/ehDyn_ForceCenterOffset_HwDeg_M_f32	
/ehDyn_HiSpdLearnt_Cnt_M_lgc	1
/ehDyn_Initialize_Cnt_M_lgc	1
/ehDyn_LoSpdLearnt_Cnt_M_lgc	1
/ehDyn_MaxOffset_HwDeg_M_f32	1152.90198
/ehDyn_MinOffset_HwDeg_M_f32	-389.765991
/ehDyn_PinTrqSV_M_str.SV_Uls_f32	14
/ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000479000009
/ehDyn_SLPHwAuth_Uls_M_f32	0.351999998
/ehDyn_SLPHwPos_HwDeg_M_f32	21.6700001
/ehDyn_SrlHwAgVldTimer_mS_M_u32	1662097408
x_HiSpdVDAuthority_Uls_f32	1
C HwTgMgnThd HwNm f32	0.119999997
:_LoSpdVDAuthority_Uls_f32	1
C_LOSpuvDAutionty_Ois_132	951
	86.300031
<_SysKinRatio_MtrDegpHwDeg_f32	
c_TravelXCDeadband_Uls_f32	7.5
C_TraveIXCHwAuthority_Uls_f32	0.207725003
arget_DtrmnElapsedTime_mS_u32_ElapsedTime	824746752





Name	Input Value		
target_GetSystemTime_mS_u32_CurrentTime	2728878080		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg f32	target VehDyn Per1 CwEOT HwDeg f32		
target Rte Inst Ap VehDyn.VehDyn Per1 HwTorque HwNm f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessAuthority Uls f32	target_VehDyn_Per1_SensorlessAuthority_L		
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessHwPos HwDeg f32	target_VehDyn_Per1_SensorlessHwPos_Hw		
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAgVld Cnt Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	0_	
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAg HwDeg f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target VehDyn Per1 TorqueCmdCRF MtrN	lm f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cr	nt Igc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3		
target VehDyn Per1 CcwEOT HwDeg f32.value	-455.329987		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1099.07898		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.80000019		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.440002		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-136.300003		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	21.6700001		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001		
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	99.9639969		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1	1	_
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	383750110	383750110	<b>~</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809	2760420809	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-136.300003	-136.300003 ± 0.0009	<b>~</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-136.300003	-136.300003 ± 0.0009	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	-
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2728878080	2728878080	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-136.300003	-136.300003 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-136.300003	-136.300003 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	383750110	383750110	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-136.300003	-136.300003 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-136.300003	-136.300003 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	1152.90198	1152.90198	~
VehDyn_MinOffset_HwDeg_M_f32	-319.029968	-319.029999	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.997057	13.997057 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1662097408	1662097408	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0	0 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	_



Test Step 2.162 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_VehDyn	target Rte Inst Ap VehDyn
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	200.600006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.599985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.6000004
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	63.5999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	58869
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.839996
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000961999991
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.839996
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	159.300003
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	68.8000031
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.7999992
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.5999985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.839996
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000761999981
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.839996
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000515999971
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	412.5
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	106.5
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.5
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.5
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDog_str.SV_Uls_f32	-444.839996 7.590000346.005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	7.58000024e-005 -444.839996
VenDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.Sv_Uis_f32  VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.K_Uis_f32	-444.839996 0.000961999991
VehDyn_AutoChtrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VenDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Errable_Cnt_lgc	0
/ehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
/ehDyn ForceCenterOffset HwDeg M f32	1397.16003
/ehDyn_HiSpdLearnt_Cnt_M_lgc	1
/ehDyn_initialize_Cnt_M_lgc	1
/ehDyn_LoSpdLearnt Cnt M lgc	0
/ehDyn_MaxOffset_HwDeg_M_f32	-1157.89404
/ehDyn_MinOffset_HwDeg_M_f32	12.3000002
/ehDyn_PinTrqSV_M_str.SV_Uls_f32	1.5
/ehDyn PinTrgSV M str.K Uls f32	0.000483999989
VehDyn_SLPHwAuth_Uls_M_f32	0.333000004
VehDyn SLPHwPos HwDeg M f32	31.9300003
VehDyn_SrlHwAgVldTimer_mS_M_u32	1050692864
k HiSpdVDAuthority Uls f32	0.899999976
	The state of the s
	5.44999981
k_HwTqMgnThd_HwNm_f32	5.44999981
k_HwTqMgnThd_HwNm_f32 k_LoSpdVDAuthority_Uls_f32 k_SrlHwAgVldTiThd_mS_u32	





Name	Input Value		
k_TravelXCDeadband_Uls_f32	6.46999979		
k_TravelXCHwAuthority_Uls_f32	0.208949998		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3304439296		
target_GetSystemTime_mS_u32_CurrentTime	824746752		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_Elapsed			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTim			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32	2	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32	2	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3: target_VehDyn_Per1_MotorVelCRF_MtrRac		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target VehDyn Per1 RelHwPos HwDeg f3	· <del>-</del>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target VehDyn Per1 SensorlessAuthority U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	Deg_102	
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAg HwDeg f32	target VehDyn Per1 SrlHwAg HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_C		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-449.070007		
target VehDyn Per1 CwEOT HwDeg f32.value	1093.51001		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	8.35999966		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-456		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-444.839996		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	31.9300003		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024	1024	<b>✓</b>
VonDyn_AutoOnti Dotopu_in_str. Timer i_mo_usz	1024	1024	•
VehDyn_AutoCntrDetSpd_w_str.Timer1_nis_us2 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322	54822322	-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32		1	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322 -444.839996 -444.839996	54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	54822322 -444.839996 -444.839996 0	54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	54822322 -444.839996 -444.839996 0	54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009 0	, , , , , , , , , , , , , , , , , , ,
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	54822322 -444.839996 -444.839996 0 0	54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009 0 0	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	54822322 -444.839996 -444.839996 0 0	54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009 0 0	• • • • • • • • • • • • • • • • • • •
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322 -444.839996 -444.839996 0 0 1 1 824746752	54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009 0 0 1 824746752	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322 -444.839996 -444.839996 0 0 1 1 824746752 54822322	54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009 0 0 1 824746752 54822322	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32	54822322 -444.839996 -444.839996 0 0 1 1 824746752 54822322 -444.839996	54822322 -444.839996 ± 0.0009 0 0 0 1 824746752 54822322 -444.839996 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32	54822322 -444.839996 -444.839996 0 0 1 824746752 54822322 -444.839996 -444.839996	54822322 -444.839996 ± 0.0009 0 0 1 824746752 54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	54822322 -444.839996 -444.839996 0 0 1 824746752 54822322 -444.839996 -444.839996	54822322 -444.839996 ± 0.0009 0 0 0 1 824746752 54822322 -444.839996 ± 0.0009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	54822322 -444.839996 -444.839996 0 0 1 824746752 54822322 -444.839996 -444.839996 0	54822322 -444.839996 ± 0.0009 0 0 0 1 824746752 54822322 -444.839996 ± 0.0009 0 -444.839996 ± 0.0009 0 1	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	54822322 -444.839996 -444.839996 0 0 1 824746752 54822322 -444.839996 -444.839996 0 1	54822322 -444.839996 ± 0.0009 0 0 0 1 824746752 54822322 -444.839996 ± 0.0009 0 1 1	
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VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	54822322 -444.839996 -444.839996 0 0 1 824746752 54822322 -444.839996 0 1 1 1 0 0 1024 54822322 -444.839996 -444.839996 1 0 0 0 1 1 1 0 0 0 0 0 1	54822322 -444.839996 ± 0.0009 0 0 0 1 824746752 54822322 -444.839996 ± 0.0009 0 1 1 1 0 0 1024 54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009 1 1 0 0 1024 5482322 -444.839996 ± 0.0009 1 1 0 0 1 1 0 0 0 1	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cn	54822322 -444.839996 -444.839996 0 0 1 824746752 54822322 -444.839996 0 1 1 0 1024 54822322 -444.839996 -444.839996 1 0 0 0 1 1 1 0 0 0 0 0 1 1 1 0 0 0 0	54822322 -444.839996 ± 0.0009 0 0 0 1 824746752 54822322 -444.839996 ± 0.0009 0 1 1 1 0 0 1024 54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009 1 1 1 0 0 1024 5482322 -444.839996 ± 0.0009 1 1 0 0 0 1 1 1 0 0 1 1 1 0 1	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	54822322 -444.839996 -444.839996 0 0 1 824746752 54822322 -444.839996 0 1 1 0 1024 54822322 -444.839996 -444.839996 1 0 0 0 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0	54822322 -444.839996 ± 0.0009 0 0 0 1 824746752 54822322 -444.839996 ± 0.0009 0 1 1 1 0 0 1024 54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009 1 1 1 0 0 1024 54822322 -444.839996 ± 0.0009 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Bnable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32	54822322 -444.839996 -444.839996 0 0 1 824746752 54822322 -444.839996 0 1 1 0 0 1024 54822322 -444.839996 1 0 0 0 1 1 1 1 0 -1157.89404 12.3000002 1.50328505	54822322 -444.839996 ± 0.0009 0 0 1 824746752 54822322 -444.839996 ± 0.0009 0 1 1 1 0 1024 54822322 -444.839996 ± 0.0009 1 1 0 0 1024 54822322 -444.839996 ± 0.0009 1 1 1 0 1054 1054 1054 1055 1055 1055 1	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~



est Step 2.163 (Repeat Count = 1)	Innut Value
trmpElanedTime mS v22/ElanedTime\	Input Value
trmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
etSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
te_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
te_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	604.099976
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	116.099998
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.1000004
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	85.0999985
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21364
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22497
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-480.880005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000953999988
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-480.880005
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000953999988
ehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1
ehDyn_AutoChtrDetSpd_M_str.Filter2Enable_Cht_lgc	1
, - ,	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	2.25
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	106.699997
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.25
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.8000031
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	7034
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	39056
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-480.880005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000753999979
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-480.880005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000500000024
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	2.20000005
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	146.199997
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.19999981
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.2000008
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43190
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3186
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-480.880005
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.5000036e-005
'ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-480.880005
ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000953999988
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_ForceCenterEnabled_Cnt_M_lgc	0
ehDyn_ForceCenterOffset_HwDeg_M_f32	1497.06995
ehDyn_HiSpdLearnt_Cnt_M_lgc	0
ehDyn_Initialize_Cnt_M_lgc	0
ehDyn_LoSpdLearnt_Cnt_M_lgc	1
ehDyn_MaxOffset_HwDeg_M_f32	1162.88599
ehDyn_MinOffset_HwDeg_M_f32	-376.39801
ehDyn_PinTrqSV_M_str.SV_UIs_f32	8.89999962
ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000479999988
ehDyn SLPHwAuth Uls M f32	0.31400001
ehbyn_SLPHwPos HwDeg M f32	42.1899986
ehDyn_StrHwAgVldTimer mS M u32	3039943680
, - ,	0
_HiSpdVDAuthority_Uls_f32	·
HwTaManThd HwNm f22	6.32000017
_HwTqMgnThd_HwNm_f32 _LoSpdVDAuthority_Uls_f32	0

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Name	Input Value		
k_SysKinRatio_MtrDegpHwDeg_f32	56.0999985		
k_TravelXCDeadband_Uls_f32	5.44000006		
k_TravelXCHwAuthority_Uls_f32	0.210174993		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	309385728		
target_GetSystemTime_mS_u32_CurrentTime	824746752		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi	1736795392		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	3039943680		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	arget_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target VehDyn Per1 SensorlessAuthority U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	.209_102	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Ci		
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32			
	target_VehDyn_Per1_VehicleSpeed_Kph_f3 -442.809998		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value			
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1087.94104 8.92000008		
target_VehDyn_Per1_HwTorque_HwNm_f32.value			
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.549988		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-480.880005		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	42.1899986		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	87		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784	2967684784	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784	2967684784	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-480.880005	-480.880005 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-480.880005	-480.880005 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	824746752	824746752	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784	2967684784	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-480.880005	-480.880005 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-480.880005	-480.880005 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	824746752	824746752	•
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	2967684784	2967684784	
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-480.880005	-480.880005 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-480.880005	-480.880005 ± 0.0009	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt.lgc	1	1	
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	
	1	1	
VehDvn Initialize Cnt M Idc		[ ·	
VehDyn_Initialize_Cnt_M_lgc		1	
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	· ·
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	1 1087.94104	1087.94104	•
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	1 1087.94104 -442.809998	1087.94104 -442.809998	•
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32	1 1087.94104 -442.809998 8.90007687	1087.94104 -442.809998 8.90007687 ± 0.000009	•
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32 VehDyn_SrlHwAgVldTimer_mS_M_u32	1 1087.94104 -442.809998 8.90007687 3039943680	1087.94104 -442.809998 8.90007687 ± 0.000009 3039943680	•
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32	1 1087.94104 -442.809998 8.90007687	1087.94104 -442.809998 8.90007687 ± 0.000009	



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Fest Step 2.164 (Repeat Count = 1)	Innut Value
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	554.200012
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	126.199997
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.1999998
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.1999969
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	33198
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27074
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	710.950012
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000956000003
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	710.950012
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000956000003
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	120.400002
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	116.5
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.4000001
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.25
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	25532
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27401
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948758
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	710.950012
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32	0.000755999994
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	710.950012
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00503999996
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	120 500009
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	120.599998
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156.600006
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	13.6000004
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	10.6000004
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	30404
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	30349
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948758
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	710.950012
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.51999978e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	710.950012
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000956000003
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_ForceCenterEnabled_Cnt_M_lgc	1
/ehDyn_ForceCenterOffset_HwDeg_M_f32	1596.97998
/ehDyn_HiSpdLearnt_Cnt_M_lgc	0
/ehDyn_Initialize_Cnt_M_lgc	0

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Name	Input Value		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	-1167.87805		
VehDyn_MinOffset_HwDeg_M_f32	-369.713989		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	13.8999996		
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.000480999995		
VehDyn_SLPHwAuth_Uls_M_f32	0.294999987		
VehDyn_SLPHwPos_HwDeg_M_f32	52.4500008 1316564736		
VehDyn_SrlHwAgVldTimer_mS_M_u32 k_HiSpdVDAuthority_Uls_f32	1		
k HwTgMgnThd HwNm f32	1		
k_LoSpdVDAuthority_Uls_f32	1		
k SrlHwAgVldTiThd mS u32	70		
k_SysKinRatio_MtrDegpHwDeg_f32	54.0999985		
k TravelXCDeadband Uls f32	4.40999985		
k TravelXCHwAuthority Uls f32	0.211400002		
target DtrmnElapsedTime mS u32 ElapsedTime	4164171008		
target_GetSystemTime_mS_u32_CurrentTime	309385728		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi	3437401088		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3.	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	Jls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	/Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-436.549988		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1082.37195		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	9.47999954		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	710.950012		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0 52.4500008		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.7999995		
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	127.450996		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M Igc	0	0	resuit
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	309385728	309385728	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758	3174948758	Ĵ
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	710.950012	710.950012 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	710.950012	710.950012 ± 0.0009	-
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	-
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	_
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	3174948758	3174948758	-
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758	3174948758	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	710.950012	710.950012 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	710.950012	710.950012 ± 0.0009	-
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	309385728	309385728	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758	3174948758	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	710.950012	710.950012 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	710.950012	710.950012 ± 0.0009	~
vens) tateena zeepaeaten ee. a.zee vzeg_ea.e v_ensez		0	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc			•
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0 0 1	0 0 1	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	0 0 1 0	0 0 1 0	***
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	0 0 1 0 1 1	0 0 1 0 1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	0 0 1 0 1 1 1 1082.37195	0 0 1 0 1 1 1 1082.37195	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	0 0 1 0 1 1	0 0 1 0 1	***





Name	Actual Value	Expected Value	Result
VehDyn_SrlHwAgVldTimer_mS_M_u32	1316564736	1316564736	✓
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	<b>✓</b>
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	-886.029968	-886.030029 ± 0.1	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	<b>~</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	-
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lame	Innut Value
	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.399994
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.4000015
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.399996
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.4000015
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58869
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000961999991
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	159
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	68.3000031
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.7999992
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
/ehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	36416
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
rehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000761999981
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.Ry_Uls_f32	-714.090027
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000515999971
	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	412.700012
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	106.699997
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.6999998
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.6999998
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.58000024e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0

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Nama	Input Value		
Name VehDyn_ForceCenterEnabled_Cnt_M_lgc	Input Value		
VehDyn ForceCenterOffset HwDeg M f32	-1500.22998		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn Initialize Cnt M Igc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	1172.87		
VehDyn_MinOffset_HwDeg_M_f32	-363.029999		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.5		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000483999989		
VehDyn_SLPHwAuth_Uls_M_f32	0.275999993		
VehDyn_SLPHwPos_HwDeg_M_f32	62.7099991		
VehDyn_SrlHwAgVldTimer_mS_M_u32	185613824		
k_HiSpdVDAuthority_Uls_f32	0		
k_HwTqMgnThd_HwNm_f32	1.5		
k_LoSpdVDAuthority_UIs_f32	0.89999976		
k_SrlHwAgVldTiThd_mS_u32	456		
k_SysKinRatio_MtrDegpHwDeg_f32	63.3199997		
k_TravelXCDeadband_UIs_f32	3.38000011 0.212624997		
k_TravelXCHwAuthority_Uls_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime	3304439296		
target_GetSystemTime_mS_u32_CurrentTime	824746752		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target VehDyn Per1 CcwEOT HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target VehDyn Per1 HwTorque HwNm f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3.		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_L		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	m_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cr	nt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3.	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-430.290009		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1076.80298		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.11000001		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-456		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-714.090027		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	62.7099991		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999 0		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230		
		Function Value	Daguit
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1 1024	1024	
VehDyn AutoCntrDetSpd M str.Timer ms_us2	54822322	54822322	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	824746752	824746752	-
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322	54822322	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	-
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	-
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	-
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	824746752	824746752	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322	54822322	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	-
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	_
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	_
VehDyn_Initialize_Cnt_M_lgc	1	1	
venbyii_iiiittalize_Giit_ivi_gc	1	<u>'</u>	





Name	Actual Value	Expected Value	Result
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	1172.87	1172.87	~
VehDyn_MinOffset_HwDeg_M_f32	283.800018	283.799988	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.49870157	1.49870157 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	185613824	185613824	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	786.139954	786.140015 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lame	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	0
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	554.099976
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	84.099985
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.099999
	52.099985
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	2291   7778
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4044004656
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	110.5
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000958000019
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	110.5
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000958000019
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	456
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	35.7999992
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.3999996
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75.4499969
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	33198
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	7778
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004656
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	110.5
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000758000009
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	110.5
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000508000026
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	456.799988
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	86.8000031
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.80000019
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.8000031
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27074
ehDyn AutoCntrLoSpd M str.Timer1 mS u32	4004004656
ehDyn AutoCntrLoSpd M str.Timer2 mS u32	4211268631
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	110.5
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.53999993e-005
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	110.5
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000958000019

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VehDyn\_Per1



Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1400.31995		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	1177.86206		
VehDyn MinOffset HwDeg M f32	-369.75		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-5.4000001		
VehDyn PinTrgSV M str.K Uls f32	0.000482000003		
VehDyn SLPHwAuth Uls M f32	0.256999999		
VehDyn SLPHwPos HwDeg M f32	72.9700012		
VehDyn SrlHwAgVldTimer mS M u32	2085618048		
k_HiSpdVDAuthority_UIs_f32	0		
	9.19999981		
k_HwTqMgnThd_HwNm_f32			
k_LoSpdVDAuthority_UIs_f32	1		
k_SrlHwAgVldTiThd_mS_u32	3229		
k_SysKinRatio_MtrDegpHwDeg_f32	54.2999992		
k_TravelXCDeadband_Uls_f32	2.3499999		
k_TravelXCHwAuthority_Uls_f32	0.213850006		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	437658624		
target_GetSystemTime_mS_u32_CurrentTime	954802432		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS_u32\_ElapsedTime\_mS_u32\_ElapsedTime\_mS_u32\_ElapsedTime\_mS_u32\_ElapsedTime\_mS_u32\_ElapsedTime\_mS_u32\_ElapsedTime\_mS_u32\_ElapsedTime\_mS_u332\_ElapsedTim$	463842816		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTim$	54689		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	dpS_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_	Uls_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	wDeg f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-424.029999		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1071.23401		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.22000003		
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	-835.109985		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	110.5		
target VehDyn Per1 SrlHwAgVld Cnt lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	72.9700012		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.29999995		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	499.220001		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631	4211268631	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	110.5	110.5 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	110.5	110.5 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	-
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004656	4004004656	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631	4211268631	~
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	110.5	110.5 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	110.5	110.5 ± 0.0009	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	-
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	-
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
			-
VehDyn_AutoCntrl_oSpd_M_str.Timer1_mS_u32	4004004656	4004004656	
VehDyn_AutoCntrl_Spd_M_str.Timer2_mS_u32	4211268631	4211268631	V
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	110.5	110.5 ± 0.0009	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	110.5	110.5 ± 0.0009	<b>V</b>
VehDyn AutoCntrl oSpd M str Filter1Enable Cnt Igc	1	11	

1 0

VehDyn\_AutoCntrLoSpd\_M\_str.Filter1Enable\_Cnt\_lgc





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	960.734009	960.734009	~
VehDyn_MinOffset_HwDeg_M_f32	-369.75	-369.75	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-5.39797401	-5.39797354 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2085618048	2085618048	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1510.81995	1510.81995 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	-

Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	600.200012
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	64.199969
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.2000008
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	41.2000008
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	38868
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	38708
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2160073393
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000959999976
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000959999976
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	566.799988
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	75.5
ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	18.7999992
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	97
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21335
ehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	34188
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4211268631
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2160073393
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000760000024
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000511999999
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	566.900024
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	96.9000015
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.8999962
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	42.9000015
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53759
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	18715
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2160073393
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.56000009e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000959999976

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Input Value



Name	Input Value			
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0			
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1			
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1			
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1300.41003			
VehDyn HiSpdLearnt Cnt M Igc	0			
VehDyn_Initialize_Cnt_M_lgc	0			
VehDyn_LoSpdLearnt_Cnt_M_lgc	1			
VehDyn_MaxOffset_HwDeg_M_f32	1182.854			
VehDyn MinOffset HwDeg M f32	-376.470001			
VehDyn PinTrqSV M str.SV Uls f32	7.5999999			
, - ,	0.000483000011			
VehDyn_PinTrqSV_M_str.K_Uls_f32				
VehDyn_SLPHwAuth_Uls_M_f32	0.238000005			
VehDyn_SLPHwPos_HwDeg_M_f32	83.2300034			
VehDyn_SrlHwAgVldTimer_mS_M_u32	270987008			
k_HiSpdVDAuthority_UIs_f32	1			
k_HwTqMgnThd_HwNm_f32	5.25			
k_LoSpdVDAuthority_Uls_f32	0			
k_SrlHwAgVldTiThd_mS_u32	987			
k_SysKinRatio_MtrDegpHwDeg_f32	41.0999985			
k_TravelXCDeadband_Uls_f32	1.32000005			
k_TravelXCHwAuthority_Uls_f32	0.215075001			
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3941357312			
target_GetSystemTime_mS_u32_CurrentTime	2728878080			
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi	1759885568			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	7858			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f3	32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f33			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_t			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrR			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_I			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lg			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f3			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32			
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-417.769989			
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1065.66504			
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.33000004			
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.440002			
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1014.73999			
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0			
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	83.2300034			
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999			
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1			
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	120.410004			
Name	Actual Value	Expected Value	Result	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	rtoduit	
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	4211268631	4211268631		
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2160073393	2160073393		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	·	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	·	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2728878080	2728878080	<b>✓</b>	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2160073393	2160073393	•	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	<b>✓</b>	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	<b>✓</b>	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•	
		1		
VENDAN AUTOCHTEMODO IVI ST. HITERZINITIANIZEO CHT IOC	1			
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc		2728878080		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2728878080	2728878080	•	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2728878080 2160073393	2160073393	<b>✓</b>	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2728878080 2160073393 -1014.73999	2160073393 -1014.73999 ± 0.009	~	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32	2728878080 2160073393 -1014.73999 -1014.73999	2160073393 -1014.73999 ± 0.009 -1014.73999 ± 0.009		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2728878080 2160073393 -1014.73999	2160073393 -1014.73999 ± 0.009	~	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	✓
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1065.66504	1065.66504	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-417.769989	-417.769989	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.59575272	7.59575272 ± 0.000009	<b>✓</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	270987008	270987008	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	285.670044	285.670013 ± 0.1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lame	Input Value
htmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
SetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
te_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
tte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn AllowHiSpdAutoCntr Cnt M Igc	0
ehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	200.300003
ehDyn_AutoChtrDetSpd_M_str.VehSpd_kph_f32	52.2999992
ehbyn_AutoChtrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.3000002
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.2999992
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
, =	58869
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	1024
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-284.299988
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000961999991
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-284.299988
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	159
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	68.5
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.7999992
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.9000015
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-284.299988
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000761999981
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-284.299988
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000515999971
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	412.5
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	106.5
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.5
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.5
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024
ehDyn AutoCntrLoSpd M str.Timer2 mS u32	54822322

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Name	Input Value				
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-284.299988				
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.58000024e-005				
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-284.299988				
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991				
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1				
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0				
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0				
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0				
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0				
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1200.5				
VehDyn_HiSpdLearnt_Cnt_M_lgc	1				
VehDyn_Initialize_Cnt_M_lgc	0				
VehDyn_LoSpdLearnt_Cnt_M_lgc	0				
VehDyn_MaxOffset_HwDeg_M_f32	1187.84595				
VehDyn_MinOffset_HwDeg_M_f32	-383.190002				
VehDyn_PinTrqSV_M_str.SV_Uls_f32 VehDyn_PinTrqSV_M_str.K_Uls_f32	1.5 0.000483999989				
VehDyn_SLPHwAuth_Uls_M_f32	0.218999997				
VehDyn SLPHwPos HwDeg M f32	93.4899979				
VehDyn_SrlHwAgVldTimer_mS_M_u32	333				
k_HiSpdVDAuthority_UIs_f32	0				
k HwTqMgnThd HwNm f32	1.10000002				
k_LoSpdVDAuthority_UIs_f32	1				
k SrlHwAgVldTiThd mS u32	16445				
k_SysKinRatio_MtrDegpHwDeg_f32	63.2000008				
k TravelXCDeadband Uls f32	2.8900001				
k_TravelXCHwAuthority_Uls_f32	0.216299996				
target DtrmnElapsedTime mS u32 ElapsedTime	3304439296				
target_GetSystemTime_mS_u32_CurrentTime	824746752				
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_Elapse	dTi 1662097408				
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime_ms_u32_CurrentTime_	me 333				
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwD	eg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDe	g_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_Hwl	Nm_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_I	MtrRadpS_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_Hw	Deg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuth	target_VehDyn_Per1_SensorlessAuthority_Uls_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwF	Pos_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc				
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32				
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCR	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedV				
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_	Kph_f32			
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-411.51001				
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1060.09595				
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.44000006				
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-456				
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-284.299988				
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0				
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	93.4899979				
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999				
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0				
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230				
Name	Actual Value	Expected Value	Result		
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0			
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024	1024	•		
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322	54822322	•		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-284.299988	-284.299988 ± 0.0009	•		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-284.299988	-284.299988 ± 0.0009	•		
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•		
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•		
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	1			
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1024	1024			
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322	54822322			
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDen_str.SV_Llls_f32	-284.299988	-284.299988 ± 0.0009			
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-284.299988	-284.299988 ± 0.0009 -284.299988 ± 0.0009			
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFlitzSV_HwDeg_str.Sv_Uis_f3z  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	-284.299988	-284.299988 ± 0.0009			
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1			
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1			
VehDyn_AutoCntrHiSpd_M_str.Filter1Imitialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0			
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024	1024			
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	54822322	54822322			

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-284.299988	-284.299988 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-284.299988	-284.299988 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	1060.09595	1060.09595	~
VehDyn_MinOffset_HwDeg_M_f32	-411.51001	-411.51001	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.49854183	1.49854183 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	333	333	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.218999997	0.218999997 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-190.809998	-190.809998 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lame	Input Value
	•
trmnElapsedTime_mS_u32(ElapsedTime) ietSystemTime mS u32(CurrentTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
, = = \ ,	target_GetSystemTime_mS_u32_CurrentTime
tte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
tte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	457.100006
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	34.099985
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.1000004
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	88.099985
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20423
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18715
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.78003
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000964000006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.78003
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000964000006
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	10.1000004
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	45.7999992
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.3999996
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	42.2999992
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	29076
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	43868
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.78003
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000763999997
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.78003
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000520000001
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	10.6000004
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	116.599998
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.6000004
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	53.5999985
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21364
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52716
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322
ehDyn AutoCntrLoSpd M str.Timer2 mS u32	1024

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Name	Input Value			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.78003			
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.5999966e-005			
, =	1259.78003			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32				
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000964000006			
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0			
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1			
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1			
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1			
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1			
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1100.58997			
VehDyn HiSpdLearnt Cnt M Igc	0			
VehDyn_Initialize_Cnt_M_lgc	1			
VehDyn_LoSpdLearnt_Cnt_M_lgc	1			
VehDyn MaxOffset HwDeg M f32	-1192.83801			
, – – – –	-389.910004			
VehDyn_MinOffset_HwDeg_M_f32				
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1.60000002			
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000484999997			
VehDyn_SLPHwAuth_Uls_M_f32	0.200000003			
VehDyn_SLPHwPos_HwDeg_M_f32	103.75			
VehDyn_SrlHwAgVldTimer_mS_M_u32	12			
k_HiSpdVDAuthority_Uls_f32	1			
k_HwTqMgnThd_HwNm_f32	1.20000005			
k_LoSpdVDAuthority_Uls_f32	0			
k SrlHwAgVldTiThd mS u32	32			
k_SysKinRatio_MtrDegpHwDeg_f32	88.8000031			
k TravelXCDeadband Uls f32	4.46000004			
k_TravelXCHwAuthority_UIs_f32	0.217525005			
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2167769344			
target_GetSystemTime_mS_u32_CurrentTime	309385728			
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_ElapseDTime\_mS\_u332\_ElapsedTime\_mS\_u332\_ElapsedTime\_mS\_u332\_Elapse$	2127166208			
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms_u32\_CurrentTim$	12			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3.			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32		target_VehDyn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc		target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32		target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	m_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr	nt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3.	2		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-405.25			
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1054.52698			
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.54999995			
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	987.5			
target VehDyn Per1 RelHwPos HwDeg f32.value	1259.78003			
· - ·				
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1			
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	103.75			
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.9000001			
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1			
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	245.641006			
Name	Actual Value	Expected Value	Result	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	_	
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	54822322	54822322	•	
, - ,	1024	1024		
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.PelHwPosEitt1SV/HwDog_str.SV/Llls_f32			-	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.78003	1259.78003 ± 0.009		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.78003	1259.78003 ± 0.009	~	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc	0	0	~	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	309385728	309385728	~	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024	1024	~	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.78003	1259.78003 ± 0.009	•	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.78003	1259.78003 ± 0.009	,	
	0	0	-	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc				
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~	
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	309385728	309385728	~	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024	1024	~	
			_	



Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.78003	1259.78003 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.78003	1259.78003 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	-1192.83801	-1192.83801	~
VehDyn_MinOffset_HwDeg_M_f32	-389.910004	-389.910004	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1.60000253	-1.60000253 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	12	12	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600	1600 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lomo	Innut Value
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	9.19999981
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	18.2000008
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.1999998
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.1999969
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36416
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	109643620
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1226.09998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000966000021
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1226.09998
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000966000021
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	56.7000008
/ehDyn AutoCntrHiSpd M str.VehSpd kph f32	96.8000031
ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	8.80000019
/ehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	12.6000004
/ehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	32821
'ehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	53946
/ehDyn AutoCntrHiSpd M str.Timer1 mS u32	109643620
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1226.09998
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000766000012
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1226.09998
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000523999974
/ehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	0
ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	1
'ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	56.5
/ehDyn AutoCntrLoSpd M str.VehSpd kph f32	126.5
/ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	14.5
/ehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	86.5

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	33198		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	7778		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	109643620		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1226.09998		
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.61999981e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1226.09998		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000966000021		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	0		
	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc			
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1000.67999		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	1197.82996		
VehDyn_MinOffset_HwDeg_M_f32	-396.630005		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-14.8000002		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000486000004		
VehDyn_SLPHwAuth_Uls_M_f32	0.180999994		
VehDyn_SLPHwPos_HwDeg_M_f32	114.010002		
VehDyn_SrlHwAgVldTimer_mS_M_u32	142869376		
k_HiSpdVDAuthority_Uls_f32	0		
	6.5		
k_HwTqMgnThd_HwNm_f32	1		
k_LoSpdVDAuthority_UIs_f32			
k_SrlHwAgVldTiThd_mS_u32	4891		
k_SysKinRatio_MtrDegpHwDeg_f32	96.1999969		
k_TravelXCDeadband_Uls_f32	6.03000021		
k_TravelXCHwAuthority_Uls_f32	0.21875		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3714197504		
target_GetSystemTime_mS_u32_CurrentTime	4164171008		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT	4243378688		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	89763		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target VehDyn Per1 RelHwPos HwDeg f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc		Deg_132	
	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32	400	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-398.98999		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1048.95801		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.65999997		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1023.04999		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1226.09998		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	114.010002		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.89999998		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
	387		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	387	Francis d Value	Danie
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name	Actual Value	Expected Value	Result
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	Actual Value	1	Result
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	Actual Value 1 109643620	1 109643620	Result
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	Actual Value	1	~
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	Actual Value 1 109643620	1 109643620	~
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	Actual Value 1 109643620 4290967295	1 109643620 4290967295	•
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	Actual Value 1 109643620 4290967295 1226.09998	1 109643620 4290967295 1226.09998 ± 0.009	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	Actual Value  1 109643620 4290967295 1226.09998 1226.09998	1 109643620 4290967295 1226.09998 ± 0.009 1226.09998 ± 0.009	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	Actual Value 1 109643620 4290967295 1226.09998 1226.09998 0	1 109643620 4290967295 1226.09998 ± 0.009 1226.09998 ± 0.009	•
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	Actual Value  1 109643620 4290967295 1226.09998 1226.09998 0 0	1 109643620 4290967295 1226.09998 ± 0.009 1226.09998 ± 0.009 0	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	Actual Value  1 109643620 4290967295 1226.09998 1226.09998 0 0 1	1 109643620 4290967295 1226.09998 ± 0.009 1226.09998 ± 0.009 0 0	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	Actual Value  1 109643620 4290967295 1226.09998 1226.09998 0 0 1 4164171008	1 109643620 4290967295 1226.09998 ± 0.009 1226.09998 ± 0.009 0 0 1 1 4164171008	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	Actual Value  1 109643620 4290967295 1226.09998 1226.09998 0 0 1 4164171008 4290967295	1 109643620 4290967295 1226.09998 ± 0.009 1226.09998 ± 0.009 0 0 1 4164171008 4290967295	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	Actual Value  1 109643620 4290967295 1226.09998 1226.09998 0 0 1 4164171008 4290967295 1226.09998	1 109643620 4290967295 1226.09998 ± 0.009 1226.09998 ± 0.009 0 0 1 4164171008 4290967295 1226.09998 ± 0.009	
Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	Actual Value  1 109643620 4290967295 1226.09998 1226.09998 0 0 1 4164171008 4290967295 1226.09998 1226.09998	1 109643620 4290967295 1226.09998 ± 0.009 1226.09998 ± 0.009 0 0 1 4164171008 4290967295 1226.09998 ± 0.009 1226.09998 ± 0.009	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	Actual Value  1 109643620 4290967295 1226.09998 1226.09998 0 0 1 4164171008 4290967295 1226.09998	1 109643620 4290967295 1226.09998 ± 0.009 1226.09998 ± 0.009 0 0 1 4164171008 4290967295 1226.09998 ± 0.009	Result





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	109643620	109643620	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295	4290967295	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1226.09998	1226.09998 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1226.09998	1226.09998 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	-177.141968	-177.141998	~
VehDyn_MinOffset_HwDeg_M_f32	-396.630005	-396.630005	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-14.7936239	-14.7936239 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	142869376	142869376	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	114.010002	114.010002 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Name	Input Value
	•
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	533.299988
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	88.3000031
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.29999995
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	10.3000002
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36612
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	164464918
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	934.299988
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000967999978
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	934.299988
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000967999978
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86.4400024
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	129
/ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	4.44000006
VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	53.7999992
/ehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	40437
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	13059
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	164464918
/ehDyn AutoCntrHiSpd M str.Timer2 mS u32	1078320779
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	934.299988
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000768000027
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	934.299988
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000528000004
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	86.3000031
/ehDyn AutoCntrLoSpd M str.VehSpd kph f32	136.300003

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Name	Input Value			
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.2999992			
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.3000031			
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21335			
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	34188			
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	164464918			
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	934.299988			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.63999997e-005			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	934.299988			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000967999978			
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0			
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1			
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1			
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1			
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0			
VehDyn_ForceCenterOffset_HwDeg_M_f32	-900.77002 0			
VehDyn_HiSpdLearnt_Cnt_M_lgc	0			
VehDyn_Initialize_Cnt_M_lgc	0			
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn MaxOffset HwDeg M f32	1202.82202			
VehDyn_MinOffset_HwDeg_M_f32	-403.350006			
VehDyn PinTrqSV M str.SV Uls f32	17.7999992			
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000487000012			
VehDyn SLPHwAuth Uls M f32	0.162			
VehDyn SLPHwPos HwDeg M f32	124.269997			
VehDyn_SrlHwAgVldTimer_mS_M_u32	2075080192			
k HiSpdVDAuthority Uls f32	1			
k_HwTqMgnThd_HwNm_f32	0.00120000006			
k_LoSpdVDAuthority_UIs_f32	0			
k_SrlHwAgVldTiThd_mS_u32	91986			
k_SysKinRatio_MtrDegpHwDeg_f32	32.4000015			
k_TravelXCDeadband_Uls_f32	7.5999999			
k_TravelXCHwAuthority_UIs_f32	0.219974995			
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3323480832			
target_GetSystemTime_mS_u32_CurrentTime	437658624			
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_ElapseTime\_mS\_u332\_ElapseTime\_mS\_u332\_ElapseTime\_mS\_u332\_ElapseTim$	Ti 1050692864			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	2075080192			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32		target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32		target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32	target_VehDyn_Per1_SensorlessAuthority_U	_		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	vDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc				
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrN			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target VehDyn Per1 VehicleSpeedValid Ci	_		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3			
target VehDyn Per1 CcwEOT HwDeg f32.value	-392.730011	, <u>,</u>		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1043.38904			
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.76999998			
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	-147.365005			
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	934.299988			
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0			
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	124.269997			
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.19999981			
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1			
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	398.85199			
Name	Actual Value	Expected Value	Result	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	-	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	164464918	164464918	<b>✓</b>	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779	1078320779	-	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	934.299988	934.299988 ± 0.0009	•	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	934.299988	934.299988 ± 0.0009	•	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	-	
Venibyn_nateonabetopa_in_stan interrenable_one_igo	0	0	•	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	•		-	
	1	1	-	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc		0	-	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1		~	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1 0	0	~	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1 0 437658624	0 437658624	7	

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	437658624	437658624	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779	1078320779	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	934.299988	934.299988 ± 0.0009	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	934.299988	934.299988 ± 0.0009	-
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>~</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1043.38904	1043.38904	~
VehDyn_MinOffset_HwDeg_M_f32	-392.730011	-392.730011	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7905922	17.7905922 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2075080192	2075080192	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0	0 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	<b>~</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.172 (Repeat Count = 1)	
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	570.099976
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	76.0999985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	25.1000004
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	49475
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22037
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1187.09998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000969999994
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1187.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000969999994
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	75.8000031
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	88.5999985
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.7000008
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.599985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	219286216
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1187.09998
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000769999984
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1187.09998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000531999976
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	0

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VehDyn\_Per1



Name VehDvn AutoCntrHiSod M str Filter1Initialized Cnt Ido	Input Value		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_AutoCntrloSpd_M_str.MtrVel_MtrRadpS_f32	75.1999969		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	146.199997		
VehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	18.2000008		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	45.2000008		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	12258		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36416		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	219286216		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1187.09998		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.66000012e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1187.09998		
VehDyn_AutoCottl_oSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000969999994		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-800.859985		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	1207.81396		
VehDyn_MinOffset_HwDeg_M_f32	-410.070007		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-7		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000487999991		
VehDyn_SLPHwAuth_UIs_M_f32 VehDyn_SLPHwPos_HwDeg_M_f32	0.143000007 134.529999		
VehDyn_SrlHwAgVldTimer_mS_M_u32	954802432		
k HiSpdVDAuthority Uls f32	0		
k_HwTqMgnThd_HwNm_f32	1.10000002		
k LoSpdVDAuthority Uls f32	1		
k_SrlHwAgVldTiThd_mS_u32	12		
k_SysKinRatio_MtrDegpHwDeg_f32	52.7000008		
k_TravelXCDeadband_Uls_f32	9.17000008		
k_TravelXCHwAuthority_Uls_f32	0.221200004		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	71426560		
target_GetSystemTime_mS_u32_CurrentTime	3941357312		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_btrmnElapsedTime_mS_u32_ElapsedTime_btrmnElapsedTime_mS_u32_ElapsedTime_btrmnElapsedTime_mS_u32_ElapsedTime_btrmnElapsedTime_mS_u32_ElapsedTime_btrmnElapsedTime_mS_u32_ElapsedTime_btrmnElapsedTime_mS_u32_ElapsedTime_btrmnElapsedTime_mS_u32_ElapsedTime_btrmnElapsedTime_mS_u32_ElapsedTime_btrmnElapsedTime_mS_u32_ElapsedTime_btrmnElapsedTime_btrmnElapsedTime_mS_u32_ElapsedTime_btrmnElapsedTime_mS_u32_ElapsedTime_btrmnElapsedTime_mS_u32_ElapsedTime_btrmnElapse			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime		<b>600</b>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg target_VehDyn_Per1_CwEOT_HwDeg		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_Mtr	_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDe		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthor		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos	s_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_	<u>lgc</u>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_	_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kp	h_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-386.470001		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1037.81995 -1.88		
target_VehDyn_Per1_HwTorque_HwNm_f32.value target VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	88		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1187.09998		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target VehDyn Per1 SrlHwAg HwDeg f32.value	134.529999		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.39999962		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	489		
Name	Actual Value	Expected Value	Resu
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	219286216	219286216	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886	2138628886	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1187.09998	1187.09998 ± 0.009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1187.09998	1187.09998 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•

VehDyn\_AutoCntrDetSpd\_M\_str.Filter1Initialized\_Cnt\_lgc VehDyn\_AutoCntrDetSpd\_M\_str.Filter2Initialized\_Cnt\_lgc





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3941357312	3941357312	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886	2138628886	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1187.09998	1187.09998 ± 0.009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1187.09998	1187.09998 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	219286216	219286216	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886	2138628886	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1187.09998	1187.09998 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1187.09998	1187.09998 ± 0.009	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	1037.81995	1037.81995	~
VehDyn_MinOffset_HwDeg_M_f32	-386.470001	-386.470001	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-6.9975791	-6.9975791 ± 0.000009	•
VehDyn_SrlHwAgVldTimer_mS_M_u32	954802432	954802432	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600	1600 ± 0.1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	•

Test Step 2.173 (Repeat Count = 1)	1 444
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	497.5
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	86.5
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.5
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.5
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43128
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3186
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892860
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1297.32996
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000972000009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1297.32996
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000972000009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	98.6999969
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	76.5999985
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.6000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892860
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1297.32996
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000771999999
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1297.32996
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000536000007

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Name	Input Value		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	98.099985		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156.100006		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	3.0999999 78.0999985		
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	34738		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36612		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892860		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1297.32996		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.68000027e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1297.32996		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000972000009		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-700.950012		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	1212.80603		
VehDyn_MinOffset_HwDeg_M_f32	-416.790009		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	6.30000019		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000488999998		
VehDyn_SLPHwAuth_Uls_M_f32	0.123999998		
VehDyn_SLPHwPos_HwDeg_M_f32	144.789993		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1001845248		
k_HiSpdVDAuthority_UIs_f32	2.0999999		
k_HwTqMgnThd_HwNm_f32 k_LoSpdVDAuthority_UIs_f32	1		
k_SrlHwAgVldTiThd_mS_u32	45		
k_SysKinRatio_MtrDegpHwDeg_f32	10.5		
k TravelXCDeadband Uls f32	10.7399998		
k_TravelXCHwAuthority_Uls_f32	0.222424999		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2430672128		
target_GetSystemTime_mS_u32_CurrentTime	3304439296		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime	1316564736		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3 target_VehDyn_Per1_SensorlessAuthority_		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_H		
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAgVld Cnt Igc	target_VehDyn_Per1_SellsollessnwPos_nitarget_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target VehDyn Per1 SrlHwAg HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrI		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_C		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-380.209991		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1032.25098		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.99000001		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-75.4100037		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1297.32996		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	144.789993		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	500.053986		
Name	Actual Value	Expected Value	Bassi
Name VehDyn AllowHiSpdAutoCntr Cnt M lgc	1	Expected Value	Resu
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	274107514	274107514	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892860	2345892860	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1297.32996	1297.32996 ± 0.009	
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1297.32996	1297.32996 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0	0	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	274107514	274107514	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3304439296	3304439296	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1297.32996	1297.32996 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1297.32996	1297.32996 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3304439296	3304439296	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892860	2345892860	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1297.32996	1297.32996 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1297.32996	1297.32996 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	-265.078979	-265.07901	~
VehDyn_MinOffset_HwDeg_M_f32	-416.790009	-416.790009	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.29617453	6.29617453 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1001845248	1001845248	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	144.789993	144.789993 ± 0.1	<b>✓</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 CheckpointReached	1	_

Test Step 2.174 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	31.7999992
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	96.8000031
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.80000019
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	56.7999992
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53759
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	30349
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1361.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000974000024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1361.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000974000024
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	66.9000015
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	86.5999985
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	12.8000002
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	45.7000008
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1361.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000774000015
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1361.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000539999979
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	66.4000015
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	126.400002
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	5.4000001
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.4000015
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	37799
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	41632 328928812
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1361.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.6999997e-005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1361.30005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000974000024
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	-601.039978
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1217.79797
VehDyn_MinOffset_HwDeg_M_f32	-423.51001
VehDyn_PinTrqSV_M_str.SV_Uls_f32	15.1999998
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000490000006
VehDyn_SLPHwAuth_Uls_M_f32	0.104999997
VehDyn_SLPHwPos_HwDeg_M_f32	155.050003
VehDyn_SrlHwAgVldTimer_mS_M_u32	1807164800
k_HiSpdVDAuthority_UIs_f32	1
k_HwTqMgnThd_HwNm_f32	3.0999999
k_LoSpdVDAuthority_UIs_f32	0
k_SrlHwAgVldTiThd_mS_u32	65
k_SysKinRatio_MtrDegpHwDeg_f32	25.4500008 12.3100004
k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32	0.223649994
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2242866176
target_GetSystemTime_mS_u32_CurrentTime	2167769344
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT	
target_Rte_Call_Ap_VehDyn_SystemTime_Dthinic_lapsedTime_mS_u32_CurrentTime	
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-373.950012
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1026.68201
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-2.0999999
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154
	1361.30005
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	1 155.050003
target_VehDyn_Per1_SrlHwAgVld_Cnt_Igc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1 155.050003 -4.5
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1 155.050003 -4.5 0
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	1 155.050003 -4.5 0 75
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1 155.050003 -4.5 0





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812	328928812	✓
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835	2553156835	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1361.30005	1361.30005 ± 0.009	✓
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1361.30005	1361.30005 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	✓
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2167769344	2167769344	✓
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835	2553156835	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1361.30005	1361.30005 ± 0.009	✓
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1361.30005	1361.30005 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	✓
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	328928812	328928812	✓
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835	2553156835	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1361.30005	1361.30005 ± 0.009	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1361.30005	1361.30005 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	✓
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	✓
VehDyn_Initialize_Cnt_M_lgc	1	1	✓
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	✓
VehDyn_MaxOffset_HwDeg_M_f32	-334.618042	-334.618011	✓
VehDyn_MinOffset_HwDeg_M_f32	-423.51001	-423.51001	✓
VehDyn_PinTrqSV_M_str.SV_Uls_f32	15.1914358	15.1914368 ± 0.00009	✓
VehDyn_SrlHwAgVldTimer_mS_M_u32	1807164800	1807164800	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	<b>✓</b>
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600	1600 ± 0.1	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.175 (Repeat Count = 1)	·
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	290.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.099998
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	54.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3277
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	383750110
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	586.059998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000975999981
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	586.059998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000975999981
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	34.5999985
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96.8000031
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.0100002
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	78.6999969

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20423
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31368
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	383750110
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	586.059998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000775999972
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	586.059998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00054400001
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	34
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	136
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	26195
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22037
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	383750110
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	586.059998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.71999985e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	586.059998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000975999981
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn ForceCenterOffset HwDeg M f32	-501.130005
VehDyn HiSpdLearnt Cnt M Igc	1
VehDyn Initialize Cnt M Igc	0
VehDyn LoSpdLearnt Cnt M Igc	0
VehDyn_MaxOffset_HwDeg_M_f32	1222.79004
VehDyn_MinOffset_HwDeg_M_f32	-430.230011
VehDyn_PinTrqSV_M_str.SV_UIs_f32	14
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000491000013
VehDyn_SLPHwAuth_Uls_M_f32	0.0860000029
VehDyn_SLPHwPos_HwDeg_M_f32	165.309998
VehDyn SrlHwAgVldTimer mS M u32	43238144
k HiSpdVDAuthority UIs f32	0
k HwTqMgnThd HwNm f32	4.0999999
k LoSpdVDAuthority Uls f32	1
k_SrlHwAgVIdTiThd_mS_u32	112
k_SysKinRatio_MtrDegpHwDeg_f32	86.4499969
k TravelXCDeadband Uls f32	13.8800001
k_TraveIXCHwAuthority_Uls_f32	0.224875003
	2269150976
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3714197504
target_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	309385728 target VehDyn Per1 CcwEOT HwDeg f32
V =	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-367.690002
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1021.11298
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-2.21000004
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.541016
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	586.059998
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	165.309998
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	99.4520035





Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	383750110	383750110	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	586.059998	586.059998 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	586.059998	586.059998 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3714197504	3714197504	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	586.059998	586.059998 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	586.059998	586.059998 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	383750110	383750110	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	586.059998	586.059998 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	586.059998	586.059998 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	1021.11298	1021.11298	~
VehDyn_MinOffset_HwDeg_M_f32	-367.690002	-367.690002	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.9920683	13.9920683 ± 0.00009	•
VehDyn_SrlHwAgVldTimer_mS_M_u32	43238144	43238144	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.0860000029	0.0860000029 ± 0.004	•
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	751.369995	751.369995 ± 0.1	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.176 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	604.900024
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	116.900002
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.8999996
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	85.9000015
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21364
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22497
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-339.980011
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000977999996
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-339.980011
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000977999996
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	2.79999995
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	106.800003
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.5

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.5999985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	7034
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	39056
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-339.980011
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000777999987
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	-339.980011
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000547999982
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1 0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	2.4000001
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	146.399994
VehDyn AutoCntrLoSpd M str.FiltPinTrq HwNm f32	7.4000001
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.4000015
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43190
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3186
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-339.980011
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.74e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-339.980011
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000977999996
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	-401.220001
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	-1227.78198 -436.950012
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-450.950012 8.89999962
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000492000021
VehDyn_SLPHwAuth_Uls_M_f32	0.067000017
VehDyn SLPHwPos HwDeg M f32	175.570007
VehDyn_SrlHwAgVldTimer_mS_M_u32	484033152
k HiSpdVDAuthority Uls f32	1
k_HwTqMgnThd_HwNm_f32	5.099999
k LoSpdVDAuthority Uls f32	0
k_SrlHwAgVldTiThd_mS_u32	1385
k_SysKinRatio_MtrDegpHwDeg_f32	56.1300011
k_TravelXCDeadband_Uls_f32	15.4499998
k_TraveIXCHwAuthority_Uls_f32	0.226099998
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3533260288
target_GetSystemTime_mS_u32_CurrentTime	3323480832
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTi	7858
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	2659241984
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-361.429993 1015.64401
target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value	1015.54401 -2.31999993
	-2.31999993 -759.549988
	, , 55.5 , 5550
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-339 980011
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-339.980011 0
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	-339.980011 0 175.570007
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	0





Name	Input Value		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	87		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3323480832	3323480832	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784	2967684784	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-339.980011	-339.980011 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-339.980011	-339.980011 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784	2967684784	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784	2967684784	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-339.980011	-339.980011 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-339.980011	-339.980011 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3323480832	3323480832	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784	2967684784	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-339.980011	-339.980011 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-339.980011	-339.980011 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1015.54401	1015.54401	~
VehDyn_MinOffset_HwDeg_M_f32	-361.429993	-361.429993	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	8.89454842	8.89454937 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	484033152	484033152	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	61.2399902	61.2400017 ± 0.1	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.177 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	554.799988
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	126.800003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.8000002
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.8000031
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	33198
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1590.80005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000980000012
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1590.80005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000980000012
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	120
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	116.599998
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.4000001
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948758
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1590.80005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDog_str.K_Uls_f32	0.000780000002 1590.80005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000552000012
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	120
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	13.5
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	10
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	30404
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	30349
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948758
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1590.80005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.76000015e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1590.80005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000980000012
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	-301.309998 1
VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn MaxOffset HwDeg M f32	1232.77405
VehDyn_MinOffset HwDeg M f32	-443.670013
VehDyn PinTrqSV M str.SV Uls f32	13.8999996
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000493000029
VehDyn SLPHwAuth Uls M f32	0.0480000004
VehDyn_SLPHwPos_HwDeg_M_f32	185.830002
VehDyn_SrlHwAgVldTimer_mS_M_u32	1213316096
k_HiSpdVDAuthority_Uls_f32	0
k_HwTqMgnThd_HwNm_f32	6.0999999
k_LoSpdVDAuthority_Uls_f32	1
k_SrlHwAgVldTiThd_mS_u32	744
k_SysKinRatio_MtrDegpHwDeg_f32	54.1199989
k_TravelXCDeadband_Uls_f32	17.0200005
k_TravelXCHwAuthority_Uls_f32	0.227325007
target_DtrmnElapsedTime_mS_u32_ElapsedTime	812314880
target_GetSystemTime_mS_u32_CurrentTime	3941357312
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_Elapsed$	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SrlHwAgVld_Cnt_Igc
target_Rte_Inst_Ap_venDyn_VenDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SriHwAg_HwDeg_f32
target_Rte_Inst_Ap_venDyn.VenDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_vehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target VehDyn Per1 CcwEOT HwDeg f32.value	-369.149994
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1009.97498
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-2.43000007
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1590.80005
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Name	Input Value		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	185.830002		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.79999995		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	127		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758	3174948758	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758	3174948758	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1590.80005	1590.80005 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1590.80005	1590.80005 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3941357312	3941357312	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758	3174948758	<b>✓</b>
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1590.80005	1590.80005 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1590.80005	1590.80005 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948758	3174948758	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758	3174948758	~
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1590.80005	1590.80005 ± 0.009	<b>✓</b>
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1590.80005	1590.80005 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn HiSpdLearnt Cnt M Igc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn LoSpdLearnt Cnt M Igc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	-580.825073	-580.825012	~
VehDyn_MinOffset_HwDeg_M_f32	-443.670013	-443.670013	<b>~</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.8919325	13.8919325 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1213316096	1213316096	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600	1600 ± 0.1	<b>✓</b>

Test Step Call Trace   ✓				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	<b>~</b>

Test Step 2.178 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	570.400024
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	246.399994
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.3999996
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.4000015
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	39056
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	385.579987
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000921999977
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	385.579987
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000921999977
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	78.4000015
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	226.600006
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3.4000001
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.599985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	52282
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	3174948758
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	385.579987
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000722000026
	385.579987
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000436000002
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	78.1999969
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	52.2000008
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.1999998
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.2000008
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	26195
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22037
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	385.579987
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.1800001e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	385.579987
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000921999977
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1.58000004
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
	1
VehDyn_Initialize_Cnt_M_lgc	
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-1302.15002
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7999992
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000464000012
VehDyn_SLPHwAuth_Uls_M_f32	0.153999999
VehDyn_SLPHwPos_HwDeg_M_f32	370.51001
VehDyn_SrlHwAgVldTimer_mS_M_u32	306931584
k_HiSpdVDAuthority_UIs_f32	0.75999999
k_HwTqMgnThd_HwNm_f32	7.0999999
k_LoSpdVDAuthority_UIs_f32	1
k_SrlHwAgVldTiThd_mS_u32	700
k_SysKinRatio_MtrDegpHwDeg_f32	52.5400009
k_TravelXCDeadband_Uls_f32	45.2799988
k_TravelXCHwAuthority_Uls_f32	0.249375001
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4243378688
target_GetSystemTime_mS_u32_CurrentTime	3941357312
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target VehDyn Per1 CwEOT HwDeg 132
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_inst_Ap_venDyn.VenDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_UIs_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-461.790009
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	943.146973
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.40999985





Name	Input Value		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	159.009995		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	385.579987		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	370.51001		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.39999962		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	139.270004		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784	2967684784	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758	3174948758	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	385.579987	385.579987 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	385.579987	385.579987 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	✓
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3941357312	3941357312	✓
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758	3174948758	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	385.579987	385.579987 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	385.579987	385.579987 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	✓
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784	2967684784	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758	3174948758	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	385.579987	385.579987 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	385.579987	385.579987 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	Ī	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	-1302.15002	-1302.15002	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-847.369995	-847.369995	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	17.7896194	17.7896194 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	306931584	306931584	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	387.159973	387.160004 ± 0.1	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	<b>~</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.179 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	497.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	123.099998
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	45.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1377.90002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000923999993
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1377.90002

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000923999993
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	88.6500015
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	236.580002
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	1.64999998
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52.5
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	20423
	31368
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948758
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1377.90002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000723999983
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1377.90002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000440000003
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	88.5
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	34.5
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.5
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	63.5
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43190
	3186
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948758
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1377.90002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.20000025e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1377.90002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000923999993
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc	0
	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	98.3300018
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Igc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
	1
VehDyn_MaxOffset_HwDeg_M_f32	1298.25
VehDyn_MinOffset_HwDeg_M_f32	2840
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-7
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00046499999
VehDyn_SLPHwAuth_Uls_M_f32	0.163000003
VehDyn_SLPHwPos_HwDeg_M_f32	380.769989
VehDyn_SrlHwAgVldTimer_mS_M_u32	997399808
	0.779999971
k_HiSpdVDAuthority_UIs_f32	
k_HwTqMgnThd_HwNm_f32	8.10000038
k_LoSpdVDAuthority_Uls_f32	0
k_SrlHwAgVldTiThd_mS_u32	701
k_SysKinRatio_MtrDegpHwDeg_f32	10.0500002
k_TravelXCDeadband_Uls_f32	46.8499985
k TravelXCHwAuthority Uls f32	0.25060001
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1050692864
	3304439296
target_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-469.51001
angot_volidyii_i ori_oowEo1_liwDeg_loz.value	100.01001





Name				
Ingreg L VehDyn_Pert_NotorvelCRF_MrRagbs_R3.value	Name	Input Value		
target_VehDyn_Pert_MortwickErF_MirRapis_E2value	target_VehDyn_Per1_CwEOT_HwDeg_f32.value	937.578003		
Integret_VehDyn_Pert_RethinPos_HwDeg_152 value   1377.90002	target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.51999998		
target_VehDyn_Pert_SrithwAg1vd_Cnt_lgo:value arget_VehDyn_Pert_SrithwAg1vd_Cnt_lgo:value arget_VehDyn_Pert_SrithwAg1vd_Cnt_lgo:value arget_VehDyn_Pert_VehicisSpeedvalid_Cnt_lgo:value arget_VehDyn_Pert_VehicisSpeedvalid_Cnt_lgo:value arget_VehDyn_Pert_VehicisSpeedvalid_Cnt_lgo:value arget_VehDyn_Pert_VehicisSpeedvalid_Cnt_lgo:value arget_VehDyn_Arget_VehicisSpeedvalid_Cnt_lgo:value arget_VehDyn_Arget_Cnt_lgo:value arget_VehDyn_Arget_Cnt_lgo:value arget_VehDyn_Arget_Cnt_lgo:value arget_VehDyn_Arget_Cnt_lgo:value arget_VehDyn_Arget_Cnt_lgo:value arget_VehDyn_Arget_Cnt_lgo:value arget_VehDyn_Arget_Cnt_lgo:value ar	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1100.73999		
target_VehDyn_Pert_Sirthwig_Hwing_Hwing_Sizuale	target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1377.90002		
target_VehDyn_Pert_TorqueCmdGRF_Mirkm_f32 value target_VehDyn_Pert_VehicleSpeedValid_Cnt_Igo:value 387.859985  Name  Actual Value Septent VehicleSpeed Kph_f32-value  Actual Value Sept	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
larget_VehDyn_Pert_VehicleSpeed_Valid_Cnd_lgo_value   387.859985	target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	380.769989		
Name	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001		
Name         Actual Value         Expected Value         Result           VehDyn_AllowHispdAutoCnir_Cnt_M_lgo         1         1         1            VehDyn_AutoCntrDetSpd_M_str.Timert_mS_u32         3174948758         3174948758            VehDyn_AutoCntrDetSpd_M_str.FilterImage_mS_u32         3382212733         3382212733            VehDyn_AutoCntrDetSpd_M_str.FilterSpd.FiltSV_HwDeg_str.SV_Uls_f32         -1377.90002         -1377.90002 ± 0.009            VehDyn_AutoCntrDetSpd_M_str.FilterIntalized_Cnt_lgc         1         1             VehDyn_AutoCntrDetSpd_M_str.FilterInitalized_Cnt_lgc         1         1             VehDyn_AutoCntrDetSpd_M_str.FilterInitalized_Cnt_lgc         0         0         0            VehDyn_AutoCntrHiSpd_M_str.Timert_mS_u32         3304439296         3304439296            VehDyn_AutoCntrHiSpd_M_str.Timert_mS_u32         3382212733         3382212733            VehDyn_AutoCntrHiSpd_M_str.Timert_mS_u32         3304439296             VehDyn_AutoCntrHiSpd_M_str.Timert_mS_u32         3382212733             VehDyn_AutoCntrHiSpd_M_str.FilterInitalized_Cnt_lgc         0 <tr< td=""><td>target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value</td><td>0</td><td></td><td></td></tr<>	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
VehDyn_AllowHiSpdAutoCntr_Cnt_M.jgc         1         1         1         1         VehDyn_AutoCntrDetSpd_M str.Timert_ms_u32         3174948758         3174948758         3182948753         382212733         382212733         382212733         382212733         382212733         382212733         382212733         382212733         382212733         382212733         382212733         382212733         382212733         382212733         382212733         382212733         382212733         382212733         382212733         482812733         382212733         382212733         382212733         382212733         382212733         382212733         382212733         382212733         382212733         382212733         382212733         382212733         382212733         482812733         482812733         482812733         482812733         382212733         482812733         482812733         482812733         482812733         482812733         482812733         482812733         482812733	target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	387.859985		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         3174948758         3174948758           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         3382212733         3382212733           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009           VehDyn_AutoCntrDetSpd_M_str.FitterEnable_Cnt.l.gc         1         1           VehDyn_AutoCntrDetSpd_M_str.FitterEnable_Cnt.l.gc         1         1           VehDyn_AutoCntrDetSpd_M_str.FitterEnable_Cnt.l.gc         0         0           VehDyn_AutoCntrDetSpd_M_str.FitterEnable_Cnt.l.gc         0         0           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         3304439296         304439296           VehDyn_AutoCntrHiSpd_M_str.FitterEnable_Cnt.l.gc         -1377.90002         -1377.90002 ± 0.009         ✓//li>         VehDyn_AutoCntrHiSpd_M_str.FitterEnable_Cnt.l.gc         -1377.90002         -1377.90002 ± 0.009         ✓//li>         VehDyn_AutoCntrHiSpd_M_str.FitterEnable_Cnt.l.gc         0         0         0         ✓//li>         VehDyn_AutoCntrHiSpd_M_str.FitterEnable_Cnt.l.gc         0         0         0         ✓//li>         VehDyn_AutoCntrHiSpd_M_str.FitterEnable_Cnt.l.gc         0         0         0         ✓//li>         VehDyn_AutoCntrHiSpd_M_str.FitterEnable_Cnt.l.gc	Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         3382212733         3382212733         3382212733         3282212733         3282212733         3282212733         3282212733         3282212733         3282212733         3282212733         3282212733         3282212733         3282212733         3282212733         4177,90002 ± 0.009         ✓         ✓         VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         1         1         1         ✓         ✓         VehDyn_AutoCntrDetSpd_M_str.Filter1Initalized_Cnt_lgc         1         1         1         ✓         VehDyn_AutoCntrDetSpd_M_str.Filter1Initalized_Cnt_lgc         0         0         0         ✓         VehDyn_AutoCntrDetSpd_M_str.Filter1Initalized_Cnt_lgc         0         0         ✓         VehDyn_AutoCntrHSpd_M_str.Filter1Initalized_Cnt_lgc         0         0         ✓         VehDyn_AutoCntrHSpd_M_str.Timer1_mS_u32         3304439296         3304439296         ✓         VehDyn_AutoCntrHSpd_M_str.Timer1_mS_u32         -1377.90002         -1377.90002 ± 0.009         ✓         VehDyn_AutoCntrHSpd_M_str.Filter1Path2Enable_Cnt_lgc         0         0         1377.90002 ± 0.009         ✓         VehDyn_AutoCntrHSpd_M_str.Filter1Path2Enable_Cnt_lgc         0         0         0         ✓         VehDyn_AutoCntrHSpd_M_str.Filter1Path2Enable_Cnt_lgc         0         0         0         ✓         VehDyn_AutoCntrLSpd_M_str.Filter1Path2Enable_Cnt_lgc	VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.ReltHwPosFittSV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.ReltHwPosFittSV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Fitter_Enable_Cnt_lgc  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758	3174948758	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RielHwPosFitt2SV_HwDeg_str.SV_Uls_f32         -1377.90002         -1377.90002 ± 0.009         ✓           VehDyn_AutoCntrDetSpd_M_str.FilterTenable_Cnt_lgc         1         1         1         1         ✓         ✓         ✓         VehDyn_AutoCntrDetSpd_M_str.FilterTenable_Cnt_lgc         1         1         1         ✓         ✓         VehDyn_AutoCntrDetSpd_M_str.FilterInitalized_Cnt_lgc         0         0         0         0         ✓         VehDyn_AutoCntrDetSpd_M_str.FilterInitalized_Cnt_lgc         0         0         0         0         ✓         VehDyn_AutoCntrHiSpd_M_str.FilterInitalized_Cnt_lgc         3304439298         3304439296         3304439296         340439296         34049296         3	VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733	3382212733	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         1         1         1         VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc         1         1         1         VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0         VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0         VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0         VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         3304439296         3304439296         3304439296         32044439296         32044439296         32044439296 <td< td=""><td>VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32</td><td>-1377.90002</td><td>-1377.90002 ± 0.009</td><td>✓</td></td<>	VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1377.90002	-1377.90002 ± 0.009	✓
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc         1         1         1         ✓           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc         0         0         0         ✓           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc         0         0         ✓         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc         3304439296         3304439296         ✓         30439296         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc         1377.90002         -1377.90002 ± 0.009         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc         0         0         0         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc         13382212733         3382212733         ✓	VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1377.90002	-1377.90002 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         1           VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         0         0         0           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         3304439296         3304439296         3304439296           VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFiltISV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009         ✓           VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFiltISV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         3304439296         3304439296         3304439296           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         -1377.90002	VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lqc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.FilterInitialized_Cnt_lgc         1         1         ✓           VehDyn_AutoCntrDetSpd_M_str.FilterInitialized_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         3304439296         3304439296         ✓           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         3382212733         3382212733         ✓           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2V_HwDeg_str.SV_Uls_f32         -1377.90002         -1377.90002 ± 0.009         ✓           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2V_HwDeg_str.SV_Uls_f32         -1377.90002         -1377.90002 ± 0.009         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrLiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         3304439296         3304439296         304439296         304439296         ✓           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1         1         1         ✓         V         VehDyn_AutoCntrLoSpd_M_str.FilterPinSetLSV_HwDeg_str.SV_Uls_f32         -1377.90002         -1377.90002 ± 0.009         ✓         VehDyn_Auto		1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         3304439296         3304439296           VehDyn_AutoCntrHiSpd_M_str.Rimer2_mS_u32         3382212733         382212733           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009         ✓           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009         ✓           VehDyn_AutoCntrHiSpd_M_str.RiletTenable_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.RiletTenable_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         0         ✓           VehDyn_AutoCntrLoSpd_M_str.Riletr=1_mS_u32         3304439296         3304439296         304439296         304439296         VehDyn_AutoCntrLoSpd_M_str.Riletr=2_mS_u32         VehDyn_AutoCntrLoSpd_M_str.Riletr=1_mS_u32         3304439296         3304439296         304439296         VehDyn_AutoCntrLoSpd_M_str.Riletr=1_mS_u32         4040000000000000000000000000000000000		1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         3304439296         ✓           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         3382212733         3382212733         ✓           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFittISV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc         0         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc         0         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc         0         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         3304439296         3304439296         304439296         304439296         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         3382212733         3382212733         3382212733         3382212733         3382212733         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFittISV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFittISV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009         VehDyn_AutoCntrLoSpd_M_str.Fiter2Enable_Cnt_Igc         0         0         VehDyn_AutoCntrLoSpd_M_str.Fiter2Enable_Cnt_Igc         1         1         VehDyn_AutoCntrLoSpd_M_str.Fiter2Enable_Cn		0	0	~
VehDyn_AutoCntrHiSpd_M_str. Timer2_mS_u32         3382212733         3382212733         3382212733         3382212733         3382212733         3382212733         3382212733         3382212733         3382212733         VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt12SV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009         VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc         0         0         0         0         VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc         0         0         0         VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc         0         0         0         VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc         1         1         1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc         1         1         1         VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         3304439296         3304439296         3304439296         3304439296         3304439296         3304439296         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         3382212733         3382212733         382212733         382212733         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009         VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc         0         0         1377.90002 ± 0.009         VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc         1         1         1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc         1         1         1<		3304439296	3304439296	<b>✓</b>
VehDyn_AutoCntrHISpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt.lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt.lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt.lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         3304439296         3304439296           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         3382212733         3382212733           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt.lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt.lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt.lgc         1         1           VehDyn_LoSpd_M_str.Filter2Initialized_Cnt.lgc         1         1           VehDyn_LoSpd_M_str.Filter2Initialized_Cnt.lgc         1         1           VehDyn_LoSpd_mart_Cnt_M_lgc         0         0           Ve		3382212733	3382212733	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2mS_u32         3304439296         3304439296         304439296           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009         ✓///>         1377.90002 ± 0.009         ✓///>         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009         ✓///>         VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0         ✓//>         VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1         1         ✓//>         VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1         1         ✓//>         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         ✓//>         VehDyn_LoSpd_Learnt_Cnt_M_lgc         0         0         ✓//>         VehDyn_LoSpd_Learnt_Cnt_M_lgc         0         0         ✓//>         VehDyn_LoSpd_		-1377.90002	-1377.90002 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         3304439296         3304439296         V         V         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         3382212733         3382212733         V         V         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_132         -1377.90002         -1377.90002 ± 0.009         ✓         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_132         -1377.90002         -1377.90002 ± 0.009         ✓         VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc         0         0         ✓         VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc         1         1         1         ✓         VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc         1         1         ✓         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc         1         1         ✓         VehDyn_HiSpdLearn_Cnt_M_Igc         0         0         ✓         VehDyn_LoSpd_Learn_Cnt_M_Igc         0         0         ✓         VehDyn_LoSpd_Learn_Cnt_M_Igc         0		-1377.90002	-1377.90002 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0         0         ✓           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         1         ✓           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         3304439296         3304439296         ✓         ✓           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         3382212733         3382212733         ✓		0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         3304439296         3304439296           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         3382212733         3382212733           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_HiSpdLeamt_Cnt_M_lgc         0         0           VehDyn_Initialize_Cnt_M_lgc         0         0           VehDyn_LoSpdLeamt_Cnt_M_lgc         0         0           VehDyn_MaxOffset_HwDeg_M_f32         1298.25         1298.25           VehDyn_MinOffset_HwDeg_M_f32         2840         2840           VehDyn_Srl		0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         V           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         3304439296         3304439296         V           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         3382212733         3382212733         V           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009         V           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009         V           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0         0         V           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1         1         V           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         V           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         V           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         V           VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0         0         V           VehDyn_Initialize_Cnt_M_lgc         0         0         V         V           VehDyn_MaxOffset_HwDeg_M_f32         1298.25         1298.25         V           VehDyn_SrlHwAgVIdTimer_mS_M_u32		0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         3304439296         3304439296           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         3382212733         3382212733           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009           VehDyn_AutoCntrLoSpd_M_str.Fiiter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Fiiter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc         1         1           VehDyn_HiSpdLearnt_Cnt_M lgc         0         0           VehDyn_HispdLearnt_Cnt_M lgc         0         0           VehDyn_Initialize_Cnt_M lgc         0         0           VehDyn_MaxOffset_HwDeg_M_f32         1298.25         1298.25           VehDyn_MinOffset_HwDeg_M_f32         2840         2840           VehDyn_SrlHwAgVIdTimer_mS_M_u32         -6.99862003         -6.99862003 ± 0.000009           VehDyn_SrlHwAgVIdTimer_mS_M_u32         -6.99862003         -6.99862003 ± 0.000009	, - ,	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       3382212733       3382212733         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32       -1377.90002       -1377.90002 ± 0.009         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32       -1377.90002       -1377.90002 ± 0.009         VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc       0       0         VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1       1         VehDyn_HiSpdLearnt_Cnt_M_lgc       0       0         VehDyn_Initialize_Cnt_M_lgc       1       1         VehDyn_LoSpdLearnt_Cnt_M_lgc       0       0         VehDyn_MaxOffset_HwDeg_M_f32       1298.25       1298.25         VehDyn_MinOffset_HwDeg_M_f32       2840       2840         VehDyn_FinTrqSV_M_str.SV_UIs_f32       -6.99862003       -6.99862003 ± 0.000009         VehDyn_SrlHwAgVIdTimer_mS_M_u32       997399808       997399808         target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value       1       1 ± 0.004		3304439296	3304439296	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -1377.90002         -1377.90002 ± 0.009           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_LispdLearnt_Cnt_M_lgc         0         0           VehDyn_Initialize_Cnt_M_lgc         1         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0           VehDyn_MaxOffset_HwDeg_M_f32         1298.25         1298.25           VehDyn_MinOffset_HwDeg_M_f32         2840         2840           VehDyn_FinTrqSV_M_str.SV_UIs_f32         -6.99862003         -6.99862003 ± 0.000009           VehDyn_SrlHwAgVIdTimer_mS_M_u32         997399808         997399808           target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value         1         1 ± 0.004		3382212733	3382212733	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32       -1377.90002       -1377.90002 ± 0.009         VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc       0       0         VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1       1         VehDyn_HiSpdLearnt_Cnt_M_lgc       0       0         VehDyn_Initialize_Cnt_M_lgc       1       1         VehDyn_LoSpdLearnt_Cnt_M_lgc       0       0         VehDyn_MaxOffset_HwDeg_M_f32       1298.25       1298.25         VehDyn_MinOffset_HwDeg_M_f32       2840       2840         VehDyn_FinTrqSV_M_str.SV_UIs_f32       -6.99862003       -6.99862003 ± 0.000009         VehDyn_SrlHwAgVIdTimer_mS_M_u32       997399808       997399808         target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value       1       1 ± 0.004		-1377.90002	-1377.90002 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1         1         •           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         •           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         •           VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0         •         •           VehDyn_Initialize_Cnt_M_lgc         1         1         1         •           VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0         •         •           VehDyn_MaxOffset_HwDeg_M_f32         1298.25         1298.25         •           VehDyn_MinOffset_HwDeg_M_f32         2840         2840         •           VehDyn_PinTrqSV_M_str.SV_Uls_f32         -6.99862003         -6.99862003 ± 0.000009         •           VehDyn_SrlHwAgVldTimer_mS_M_u32         997399808         997399808         •           target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value         1         1 ± 0.004         •		-1377.90002	-1377.90002 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc       1       1         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1       1         VehDyn_HiSpdLearnt_Cnt_M_lgc       0       0         VehDyn_Initialize_Cnt_M_lgc       1       1         VehDyn_LoSpdLearnt_Cnt_M_lgc       0       0         VehDyn_MaxOffset_HwDeg_M_f32       1298.25       1298.25         VehDyn_MinOffset_HwDeg_M_f32       2840       2840         VehDyn_PinTrqSV_M_str.SV_Uls_f32       -6.99862003       -6.99862003 ± 0.000009         VehDyn_SrlHwAgVldTimer_mS_M_u32       997399808       997399808         target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value       1       1 ± 0.004		0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1           VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0           VehDyn_Initialize_Cnt_M_lgc         1         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0           VehDyn_MaxOffset_HwDeg_M_f32         1298.25         1298.25           VehDyn_MinOffset_HwDeg_M_f32         2840         2840           VehDyn_PinTrqSV_M_str.SV_Uls_f32         -6.99862003         -6.99862003 ± 0.000009           VehDyn_SrlHwAgVldTimer_mS_M_u32         997399808         997399808           target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value         1         1 ± 0.004         ✓	VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1         1         VehDyn_HiSpdLearnt_Cnt_M_lgc         0         0         VehDyn_Initialize_Cnt_M_lgc         1         1         1         VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0         VehDyn_LoSpdLearnt_Cnt_M_lgc         0         0         VehDyn_MaxOffset_HwDeg_M_f32         1298.25         1298.25         1298.25         VehDyn_MinOffset_HwDeg_M_f32         2840         2840         VehDyn_PinTrqSV_M_str.SV_Uls_f32         6.99862003         -6.99862003 ± 0.000009         VehDyn_SrlHwAgVldTimer_mS_M_u32         997399808         997399808         VehDyn_Per1_SensorlessAuthority_Uls_f32.value         1         1 ± 0.004         VehDyn_Per1_SensorlessAuthority_Uls_f32.value		1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc       1       1       •         VehDyn_LoSpdLearnt_Cnt_M_lgc       0       0       •         VehDyn_MaxOffset_HwDeg_M_f32       1298.25       1298.25       •         VehDyn_MinOffset_HwDeg_M_f32       2840       2840       •         VehDyn_PinTrqSV_M_str.SV_Uls_f32       -6.99862003       -6.99862003 ± 0.000009       •         VehDyn_SrlHwAgVldTimer_mS_M_u32       997399808       997399808       •         target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value       1       1 ± 0.004       •		1	1	<b>✓</b>
VehDyn_LoSpdLeart_Cnt_M_lgc         0         0         ✓           VehDyn_MaxOffset_HwDeg_M_f32         1298.25         1298.25         ✓           VehDyn_MinOffset_HwDeg_M_f32         2840         2840         ✓           VehDyn_PinTrqSV_M_str.SV_Uls_f32         -6.99862003         -6.99862003 ± 0.000009         ✓           VehDyn_SrlHwAgVldTimer_mS_M_u32         997399808         997399808         ✓           target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value         1         1 ± 0.004         ✓	VehDyn HiSpdLearnt Cnt M Igc	0	0	✓
VehDyn_MaxOffset_HwDeg_M_f32       1298.25       1298.25       ✓         VehDyn_MinOffset_HwDeg_M_f32       2840       2840       ✓         VehDyn_PinTrqSV_M_str.SV_Uls_f32       -6.99862003       -6.99862003 ± 0.000009       ✓         VehDyn_SrlHwAgVldTimer_mS_M_u32       997399808       997399808       ✓         target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value       1       1 ± 0.004       ✓	VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32       2840       2840       ✓         VehDyn_PinTrqsV_M_str.SV_UIs_f32       -6.99862003       -6.99862003 ± 0.000009       ✓         VehDyn_SrlHwAgVIdTimer_mS_M_u32       997399808       997399808       ✓         target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value       1       1 ± 0.004       ✓	VehDyn LoSpdLearnt Cnt M lgc	0	0	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32       -6.99862003       -6.99862003 ± 0.000009         VehDyn_SrlHwAgVldTimer_mS_M_u32       997399808       ●97399808         target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value       1       1 ± 0.004	VehDyn_MaxOffset_HwDeg_M_f32	1298.25	1298.25	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32       -6.99862003       -6.99862003 ± 0.000009         VehDyn_SrlHwAgVldTimer_mS_M_u32       997399808       ❤         target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value       1       1 ± 0.004       ❤		2840	2840	<b>✓</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32         997399808         997399808           target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value         1         1 ± 0.004		-6.99862003	-6.99862003 ± 0.000009	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value 1 1 1 ± 0.004		997399808	997399808	<b>✓</b>
		1	1 ± 0.004	~
		380.769989	380.769989 ± 0.1	<b>✓</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.180 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime	
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	498.399994	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	186.399994	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.3999996	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	88.4000015	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	29729	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	33804	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	219286216	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000904000015
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0
	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000904000015
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	662
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	146.100006
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7.0999999
	52.4000015
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	43190
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3186
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000704000005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00039999999
·	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	662.099976
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	176.139999
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.0999999
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	53.099985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	29076
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	43868
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.00000019e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000904000015
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn ForceCenterOffset HwDeg M f32	198.240005
VehDyn HiSpdLearnt Cnt M Igc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1277.70203
VehDyn_MinOffset_HwDeg_M_f32	-504.149994
VehDyn_PinTrqSV_M_str.SV_UIs_f32	14
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000455000001
VehDyn_SLPHwAuth_Uls_M_f32	0.0729999989
VehDyn_SLPHwPos_HwDeg_M_f32	278.170013
VehDyn_SrlHwAgVldTimer_mS_M_u32	195646592
k_HiSpdVDAuthority_UIs_f32	0
k_HwTqMgnThd_HwNm_f32	9.10000038
k_LoSpdVDAuthority_Uls_f32	1
k_SrlHwAgVldTiThd_mS_u32	702
k_SysKinRatio_MtrDegpHwDeg_f32	41.8499985
k TravelXCDeadband Uls f32	31.1499996
k TravelXCHwAuthority Uls f32	0.238350004
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2942063360
target_GetSystemTime_mS_u32_CurrentTime	3039943680
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT	
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	1736795392
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
	,





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleS	target_VehDyn_Per1_VehicleSpeed_Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-438.630005		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1415.25		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-3.42000008		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.099976		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	0		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	278.170013		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	120.050003		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3039943680	3039943680	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024	1024	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	-
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	219286216	219286216	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024	1024	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	219286216	219286216	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024	1024	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	<b>✓</b>
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	0	0 ± 0.000009	<b>✓</b>
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn Initialize Cnt M Igc	1	1	~
VehDyn LoSpdLearnt Cnt M Igc	1	1	•
VehDyn_MaxOffset_HwDeg_M_f32	1277.70203	1277.70203	-
VehDyn MinOffset HwDeg M f32	-438.630005	-438.630005	<b>✓</b>
VehDyn PinTrqSV M str.SV Uls f32	13.9921236	13.9921236 ± 0.00009	
VehDyn_SrlHwAgVldTimer_mS_M_u32	195646592	195646592	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-198.240005	-198.240005 ± 0.1	~

T (0) 0 # T				
Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	_

Test Step 2.181 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	539.099976
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	196.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22497
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	274107514
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-275.019989
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000905999972
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-275.019989
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000905999972
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124.599998
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	156
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	13.6000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	10.3999996
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	30404
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	30349
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-275.019989
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000706000021
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-275.019989
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000403999991
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0:
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	124.400002
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	186.100006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.0999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	53946
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-275.019989
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.02000034e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-275.019989
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000905999972
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Iqc	1
7 =	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	
VehDyn_ForceCenterOffset_HwDeg_M_f32	298.149994
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn MaxOffset HwDeg M f32	1282.69397
VehDyn MinOffset HwDeg M f32	-510.869995
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.80000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000456000009
VehDyn_SLPHwAuth_Uls_M_f32	0.0820000023
VehDyn_SLPHwPos_HwDeg_M_f32	288.429993
VehDyn_SrlHwAgVldTimer_mS_M_u32	3437401088
k_HiSpdVDAuthority_Uls_f32	1
k_HwTqMgnThd_HwNm_f32	0.119999997
k_LoSpdVDAuthority_UIs_f32	0
k SrlHwAgVldTiThd mS u32	703
k_SysKinRatio_MtrDegpHwDeg_f32	63.0139999
k_TravelXCDeadband_Uls_f32	32.7200012
k_TravelXCHwAuthority_Uls_f32	0.239574999
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1117112832
target_GetSystemTime_mS_u32_CurrentTime	1316564736
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT	954802432
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
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Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpee	edValid_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpee	ed_Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1440.10999		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	987.698975		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-3.52999997		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-456		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-275.019989		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	288.429993		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.30000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230.039993		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	274107514	274107514	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295	4290967295	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-275.019989	-275.019989 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-275.019989	-275.019989 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1316564736	1316564736	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295	4290967295	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-275.019989	-275.019989 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-275.019989	-275.019989 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1316564736	1316564736	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295	4290967295	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-275.019989	-275.019989 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-275.019989	-275.019989 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	987.698975	987.698975	~
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999	-1440.10999	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.79478073	7.79478073 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	3437401088	3437401088	✓
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-573.169983	-573.169983 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 CheckpointReached	1	_

Test Step 2.182 (Repeat Count = 1)	🗸
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	9.39999962

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	18.3999996
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.3999996
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.4000015
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	255468
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1307.94995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000942000013
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1307.94995
	0.000942000013
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	56
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96.1999969
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.06999969
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	12.3999996
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	109643620
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1307.94995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000742000004
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1307.94995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000475999987
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	56.099985
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	126.099998
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
	86.099985
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	33198
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	109643620
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1307.94995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.38000017e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1307.94995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000942000013
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	398.059998
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1127.94202
VehDyn MinOffset HwDeg M f32	-423.186005
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-14.8000002
VehDyn PinTrqSV M str.K Uls f32	0.000474
VehDyn_SLPHwAuth_Uls_M_f32	0.446999997
VehDyn SLPHwPos HwDeg M f32	-29.6299992
VehDyn SrlHwAgVldTimer mS M u32	-29.6299992 1036175744
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k_HiSpdVDAuthority_UIs_f32	
k_HwTqMgnThd_HwNm_f32	5.4499981
k_LoSpdVDAuthority_UIs_f32	0
k_SrlHwAgVIdTiThd_mS_u32	9000
k_SysKinRatio_MtrDegpHwDeg_f32	96.099985
k_TravelXCDeadband_Uls_f32	12.6499996
k_TravelXCHwAuthority_Uls_f32	0.2016
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3039943680
target_GetSystemTime_mS_u32_CurrentTime	1050692864
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT	2728878080
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	3494315776
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF	_MtrRadpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAu	uthority_Uls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHv	vPos_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_	Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_Hw	Deg_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdC	RF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeed	dValid_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed	1_Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-486.630005		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1126.92395		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	5		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1023.04999		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1307.94995		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-29.6299992		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.8999998		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target VehDyn Per1 VehicleSpeed Kph f32.value	387.73999		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	255468	255468	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733	3382212733	
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1307.94995	1307.94995 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1307.94995	1307.94995 ± 0.009	
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0	0	
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1050692864	1050692864	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295	4290967295	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1307.94995	1307.94995 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1307.94995	1307.94995 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1050692864	1050692864	
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	4290967295	4290967295	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1307.94995	1307.94995 ± 0.009	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1307.94995	1307.94995 ± 0.009	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	
VehDyn Initialize Cnt M Igc	1	1	
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	
VehDyn_MaxOffset_HwDeg_M_f32	1126.92395	1126.92395	
VehDyn MinOffset HwDeg M f32	-486.630005	-486.630005	
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.7906246	-14.7906246 ± 0.00009	
VehDyn_SrlHwAgVldTimer_mS_M_u32	1036175744	1036175744	
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1±0.004	
target_VehDyn_Part_SensorlessAuthority_Ois_isz.value	000 880054	000 200015 + 0.1	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

909.889954

909.890015 ± 0.1

Test Step 2.183 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime

target\_VehDyn\_Per1\_SensorlessHwPos\_HwDeg\_f32.value

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to Call An VahDun CustomTime CatCustomTime mC u22/CustomTime	Input Value
tte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	533.099976 88.4000015
enDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.4700003
ehDyn_AutoCntrDetSpd_M_str.CntrWindow HwDeg f32	10.3999996
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36612
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	164464918
ehDyn AutoCntrDetSpd M str.Timer2 mS u32	0
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-893.640015
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000944000029
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-893.640015
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000944000029
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
hDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86.1999969
hDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	129
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.80000019
hDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	53.2999992
hDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	40437
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	13059
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	164464918
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-893.640015
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000744000019
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	-893.640015
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000479999988
hDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
hDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	86.1999969
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	136.199997
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.2000008 96.1999969
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 ehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	21335
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	34188
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	164464918
ehDyn AutoCntrLoSpd M str.Timer2 mS u32	1078320779
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-893.640015
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.4000032e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-893.640015
ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000944000029
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc	0
ehDyn_ForceCenterEnabled_Cnt_M_lgc	1
ehDyn_ForceCenterOffset_HwDeg_M_f32	497.970001
ehDyn_HiSpdLearnt_Cnt_M_lgc	1
ehDyn_Initialize_Cnt_M_lgc	1
ehDyn_LoSpdLearnt_Cnt_M_lgc	1
ehDyn_MaxOffset_HwDeg_M_f32	1132.93396
ehDyn_MinOffset_HwDeg_M_f32	-416.502014
ehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7999992
ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000475000008
ehDyn_SLPHwAuth_Uls_M_f32	0.428000003
hDyn_SLPHwPos_HwDeg_M_f32	-19.3700008
ehDyn_SrlHwAgVldTimer_mS_M_u32	1029379840
HiSpdVDAuthority_Uls_f32	0
HwTqMgnThd_HwNm_f32	6.32000017
_LoSpdVDAuthority_Uls_f32	1
_SrlHwAgVldTiThd_mS_u32	1000
_SysKinRatio_MtrDegpHwDeg_f32	32.0999985
_TravelXCDeadband_Uls_f32	11.6199999
_TravelXCHwAuthority_Uls_f32	0.202824995
rget_DtrmnElapsedTime_mS_u32_ElapsedTime	1316564736
rget_GetSystemTime_mS_u32_CurrentTime	3039943680
rget Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 Elapse	17 00 17 10750





Name	Input Value		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	463842816		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32	2	
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3	2	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target VehDyn Per1 MotorVelCRF MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	· <del>-</del>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32	target_VehDyn_Per1_SensorlessAuthority_		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_H		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	#B0g_102	
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAg HwDeg f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32	•	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrI		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_C		
	target VehDyn Per1 VehicleSpeed Kph f		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	-480.369995	32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value			
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1121.35498		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	5.55999994		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-147		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-893.640015		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-19.3700008		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.19999981		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	398		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3039943680	3039943680	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-893.640015	-893.640015 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-893.640015	-893.640015 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	164464918	164464918	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779	1078320779	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-893.640015	-893.640015 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-893.640015	-893.640015 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	0	0	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	164464918	164464918	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779	1078320779	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-893.640015	-893.640015 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-893.640015	-893.640015 ± 0.0009	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	_
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt lgc	0	0	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	0	0	_
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc	0	0	
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	
VehDyn_Initialize_Cnt_M_lgc	1	1	
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	•
VehDyn MaxOffset HwDeg M f32			
	1132.93396 413.27002	1132.93396 413.269989	
VehDyn_MinOffset_HwDeg_M_f32			
VehDyn_PinTrqSV_M_str.SV_UIs_f32	17.7943058	17.7943077 ± 0.00009	-
VehDyn_SrlHwAgVldTimer_mS_M_u32	1029379840	1029379840	
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	-
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1391.60999	-1391.60999 ± 0.1	<b>✓</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 CheckpointReached	1	_

Test Step 2.184 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime

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Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	120.099998
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	246.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	32.0999985
VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	33198
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1454.77002
VehDyn_AutoChtrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000867999974
	-1454.77002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000867999974
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	10.1999998
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	226.5
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.1999981
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1454.77002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000668000022
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1454.77002
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000327999995
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	98.4000015
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	88.400015
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrg_HwNm_f32	10.3999996
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VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.4000015
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	255468
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1454.77002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.64000036e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1454.77002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000867999974
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	298.149994
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn Initialize Cnt M Igc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn MaxOffset HwDeg M f32	943.237976
VehDyn MinOffset HwDeg M f32	-670.494019
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.80000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00043700001
VenDyn_PirtrigSv_M_sir.k_ois_is2 VehDyn_SLPHwAuth_Uls_M_f32	0.86199989
,	
VehDyn_SLPHwPos_HwDeg_M_f32	-409.25
VehDyn_SrlHwAgVldTimer_mS_M_u32	824746752
k_HiSpdVDAuthority_Uls_f32	0.40000006
k_HwTqMgnThd_HwNm_f32	8.10000038
k_LoSpdVDAuthority_Uls_f32	1
k_SrlHwAgVldTiThd_mS_u32	987
<_SysKinRatio_MtrDegpHwDeg_f32	32.0999985
k_TraveIXCDeadband_Uls_f32	50.7599983
k_TravelXCHwAuthority_Uls_f32	0.156275004





Name	Input Value		
target_GetSystemTime_mS_u32_CurrentTime	2075080192		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTi			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	824746752		
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg f32	target VehDyn Per1 CwEOT HwDeg f32		
target Rte Inst Ap VehDyn.VehDyn Per1 HwTorque HwNm f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3.		
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessAuthority Uls f32	target_VehDyn_Per1_SensorlessAuthority_L		
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessHwPos HwDeg f32	target_VehDyn_Per1_SensorlessHwPos_Hw		
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAgVld Cnt Igc	target VehDyn Per1 SrlHwAgVld Cnt Igc	0_	
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAg HwDeg f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	m f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3.		
target VehDyn Per1 CcwEOT HwDeg f32.value	-718.25		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1332.97705		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	9		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.549988		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1454.77002		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-409.25		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999		
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	398.850006		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758	3174948758	<b>~</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733	3382212733	_
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1454.77002	-1454.77002 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1454.77002	-1454.77002 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	_
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>~</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2075080192	2075080192	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1454.77002	-1454.77002 ± 0.009	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1454.77002	-1454.77002 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514	274107514	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	255468	255468	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1454.77002	-1454.77002 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1454.77002	-1454.77002 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	1332.97705	1332.97705	~
VehDyn_MinOffset_HwDeg_M_f32	-718.25	-718.25	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.80058718	7.80058718 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	824746752	824746752	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	-
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	_



Test Step 2.185 (Repeat Count = 1)	
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	497.100006
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	86.0999985
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.0999999
/ehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	86.0999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43128
/ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	3186
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	274107514
/ehDyn AutoCntrDetSpd M str.Timer2 mS u32	255468
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-833.30998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000948000001
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-833.30998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000948000001
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	98.8000031
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	76.0999985
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.04
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.4000015
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38868
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	57944
/ehDyn AutoCntrHiSpd M str.Timer1 mS u32	274107514
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892860
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-833.309998
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000747999991
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-833.309998
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000487999991
	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	98.5
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156.5
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.5
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	78.5
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	34738
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36612
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892860
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-833.309998
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.4399999e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-833.309998
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000948000001
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
	1
/ehDyn_ForceCenterEnabled_Cnt_M_lgc	
/ehDyn_ForceCenterOffset_HwDeg_M_f32	697.789978
/ehDyn_HiSpdLearnt_Cnt_M_lgc	1
/ehDyn_Initialize_Cnt_M_lgc	0
ehDyn_LoSpdLearnt_Cnt_M_lgc	1
ehDyn_MaxOffset_HwDeg_M_f32	1142.91797
ehDyn_MinOffset_HwDeg_M_f32	-403.134003
/ehDyn_PinTrqSV_M_str.SV_UIs_f32	6.30000019
/ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000476999994
/ehDyn_SLPHwAuth_Uls_M_f32	0.389999986
/ehDyn_SLPHwPos_HwDeg_M_f32	1.14999998
/ehDyn_SrlHwAgVldTimer_mS_M_u32	1662097408
HiSpdVDAuthority Uls f32	0
: HwTqMgnThd HwNm f32	1.5
_ , ,	1
LUSDUVDAULIUIIV UIS 132	T. Control of the Con
:_LoSpdVDAuthority_Uls_f32 :_SrlHwAgVldTiThd_mS_u32	951





Name	Input Value		
k TravelXCDeadband Uls f32	9.56000042		
k_TravelXCHwAuthority_Uls_f32	0.205274999		
target DtrmnElapsedTime mS u32 ElapsedTime	954802432		
target_GetSystemTime_mS_u32_CurrentTime	2075080192		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target VehDyn Per1 CcwEOT HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3.		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_L		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw		
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAgVld Cnt Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	0_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3.		
target VehDyn Per1 CcwEOT HwDeg f32.value	-467.850006		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1110.21704		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	6.67999983		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-75.4400024		
target VehDyn Per1 RelHwPos HwDeg f32.value	-833.309998		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	1.14999998		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	500		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	274107514	274107514	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	255468	255468	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-833.309998	-833.309998 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-833.309998	-833.309998 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	274107514	274107514	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2075080192	2075080192	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-833.309998	-833.309998 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-833.309998	-833.309998 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514	274107514	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892860	2345892860	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-833.309998	-833.309998 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-833.309998	-833.309998 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	1110.21704	1110.21704	~
VehDyn_MinOffset_HwDeg_M_f32	-467.850006	-467.850006	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32			
	6.30041265	6.30041265 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1662097408	1662097408	~
VehDyn_SrlHwAgVldTimer_mS_M_u32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value			<b>*</b>



Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	•

Fest Step 2.186 (Repeat Count = 1)	Innut Value
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	31.2999992
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	96.3000031
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.30000019
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	56.2999992
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53759
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	30349
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1124.05005
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000950000016
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1124.05005
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000950000016
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	66.5
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	86.5999985
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	12.0500002
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	45.5999985
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	328928812
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1124.05005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000750000007
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1124.05005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000492000021
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_igc	1
/enDyn_AutoCntrhiSpd_M_str.Hiter2initialized_Cnt_igc /ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	66.5999985
	126.599998
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	5.599999
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	96.5999985
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	37799
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	41632
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	328928812
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1124.05005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.46000005e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1124.05005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000950000016
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_ForceCenterEnabled_Cnt_M_lgc	1
/ehDyn_ForceCenterOffset_HwDeg_M_f32	797.700012
/ehDyn_HiSpdLearnt_Cnt_M_lgc	1
/ehDyn_Initialize_Cnt_M_lgc	0

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Name	Input Value		
VehDyn LoSpdLearnt Cnt M Igc	0		
VehDyn MaxOffset HwDeg M f32	1147.91003		
VehDyn_MinOffset_HwDeg_M_f32	-396.450012		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	15.1999998		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000478000002		
VehDyn_SLPHwAuth_Uls_M_f32	0.370999992		
VehDyn_SLPHwPos_HwDeg_M_f32 VehDyn_SrlHwAgVldTimer_mS_M_u32	11.4099998 1186941824		
k HiSpdVDAuthority Uls f32	0		
k_HwTqMgnThd_HwNm_f32	9.19999981		
k_LoSpdVDAuthority_UIs_f32	0		
k_SrlHwAgVldTiThd_mS_u32	4856		
k_SysKinRatio_MtrDegpHwDeg_f32	25.2999992		
k_TravelXCDeadband_Uls_f32	8.52999973		
k_TravelXCHwAuthority_UIs_f32	0.206499994		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2728878080 954802432		
target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u33_Elapsed			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32	2	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3:	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRac		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32	target_VehDyn_Per1_SensorlessAuthority_I	_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SensorlessHwPos_Hv target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	WDeg_f32	
target_rte_inst_Ap_venbyn.venbyn_per1_SrihwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_C		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-461.589996		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1104.64795		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.23999977		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	154 -1124.05005		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	154 -1124.05005 0		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	154 -1124.05005		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	154 -1124.05005 0 11.4099998		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	154 -1124.05005 0 11.4099998 -4.5		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	154 -1124.05005 0 11.4099998 -4.5	Expected Value	Result
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	154 -1124.05005 0 11.4099998 -4.5 0	Expected Value	-
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_Vld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	154 -1124.05005 0 11.4099998 -4.5 0 75 <b>Actual Value</b> 1 328928812	1 328928812	Result
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_Vld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	154 -1124.05005 0 11.4099998 -4.5 0 75 <b>Actual Value</b> 1 328928812 2553156835	1 328928812 2553156835	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_Vld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	154 -1124.05005 0 11.4099998 -4.5 0 75 <b>Actual Value</b> 1 328928812 2553156835 -1124.05005	1 328928812 2553156835 -1124.05005 ± 0.009	-
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	154 -1124.05005 0 11.4099998 -4.5 0 75 <b>Actual Value</b> 1 328928812 2553156835 -1124.05005 -1124.05005	1 328928812 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	154 -1124.05005 0 11.4099998 -4.5 0 75 <b>Actual Value</b> 1 328928812 2553156835 -1124.05005 -1124.05005	1 328928812 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	154 -1124.05005 0 11.4099998 -4.5 0 75 <b>Actual Value</b> 1 328928812 2553156835 -1124.05005 -1124.05005	1 328928812 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	154 -1124.05005 0 11.4099998 -4.5 0 75 <b>Actual Value</b> 1 328928812 2553156835 -1124.05005 -1124.05005 1	1 328928812 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 1	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	154 -1124.05005 0 11.4099998 -4.5 0 75 <b>Actual Value</b> 1 328928812 2553156835 -1124.05005 -1124.05005 1 1	1 328928812 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 1 1	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	154 -1124.05005 0 11.4099998 -4.5 0 75 <b>Actual Value</b> 1 328928812 2553156835 -1124.05005 -1124.05005 1 1 1	1 328928812 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 1 1	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	154 -1124.05005 0 11.4099998 -4.5 0 75 <b>Actual Value</b> 1 328928812 2553156835 -1124.05005 -1124.05005 1 1 1 0 954802432	1 328928812 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 1 1 1 0 954802432	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	154 -1124.05005 0 11.4099998 -4.5 0 75 <b>Actual Value</b> 1 328928812 2553156835 -1124.05005 -1124.05005 1 1 0 954802432 2553156835 -1124.05005 -1124.05005 -1124.05005	1 328928812 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 1 1 0 954802432 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 -1124.05005 ± 0.009	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	154 -1124.05005 0 11.4099998 -4.5 0 75 <b>Actual Value</b> 1 328928812 2553156835 -1124.05005 1 1 1 0 954802432 2553156835 -1124.05005 -1124.05005 -1124.05005 0	1 328928812 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 1 1 1 0 954802432 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 0	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	154 -1124.05005 0 11.4099998 -4.5 0 75 <b>Actual Value</b> 1 328928812 2553156835 -1124.05005 1 1 1 0 954802432 2553156835 -1124.05005 -1124.05005 -1124.05005 0 0	$\begin{array}{c} 1 \\ 328928812 \\ 2553156835 \\ -1124.05005 \pm 0.009 \\ -1124.05005 \pm 0.009 \\ 1 \\ 1 \\ 1 \\ 0 \\ 954802432 \\ 2553156835 \\ -1124.05005 \pm 0.009 \\ -1124.05005 \pm 0.009 \\ 0 \\ 0 \\ \end{array}$	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_Vld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	154 -1124.05005 0 11.4099998 -4.5 0 75 <b>Actual Value</b> 1 328928812 2553156835 -1124.05005 1 1 1 0 954802432 2553156835 -1124.05005 -1124.05005 -1124.05005 0 0	$\begin{array}{c} 1 \\ 328928812 \\ 2553156835 \\ -1124.05005 \pm 0.009 \\ -1124.05005 \pm 0.009 \\ 1 \\ 1 \\ 1 \\ 0 \\ 954802432 \\ 2553156835 \\ -1124.05005 \pm 0.009 \\ -1124.05005 \pm 0.009 \\ 0 \\ 0 \\ \end{array}$	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2V_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	154 -1124.05005 0 11.4099998 -4.5 0 75 <b>Actual Value</b> 1 328928812 2553156835 -1124.05005 1 1 1 0 954802432 2553156835 -1124.05005 -1124.05005 0 0 0	1 328928812 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 1 1 1 0 954802432 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 0 0 0	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2V_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	154 -1124.05005 0 11.4099998 -4.5 0 75 <b>Actual Value</b> 1 328928812 2553156835 -1124.05005 1 1 1 0 954802432 2553156835 -1124.05005 -1124.05005 -1124.05005 0 0	$\begin{array}{c} 1 \\ 328928812 \\ 2553156835 \\ -1124.05005 \pm 0.009 \\ -1124.05005 \pm 0.009 \\ 1 \\ 1 \\ 1 \\ 0 \\ 954802432 \\ 2553156835 \\ -1124.05005 \pm 0.009 \\ -1124.05005 \pm 0.009 \\ 0 \\ 0 \\ \end{array}$	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_Vld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	154 -1124.05005 0 11.4099998 -4.5 0 75 <b>Actual Value</b> 1 328928812 2553156835 -1124.05005 1 1 1 0 954802432 2553156835 -1124.05005 -1124.05005 0 0 0 1 328928812	1 328928812 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 1 1 1 0 954802432 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 0 0 0 1 328928812	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_Vld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	154 -1124.05005 0 11.4099998 -4.5 0 75 <b>Actual Value</b> 1 328928812 2553156835 -1124.05005 1 1 1 0 954802432 2553156835 -1124.05005 -1124.05005 0 0 0 1 328928812 2553156835	1 328928812 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 1 1 0 954802432 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 0 0 1 328928812 2553156835	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	154 -1124.05005 0 11.4099998 -4.5 0 75  Actual Value 1 328928812 2553156835 -1124.05005 1 1 1 0 954802432 2553156835 -1124.05005 -1124.05005 0 0 0 1 328928812 2553156835 -1124.05005 0 0 1 328928812 2553156835 -1124.05005 0 0 0 1	$\begin{array}{c} 1\\ 328928812\\ 2553156835\\ -1124.05005 \pm 0.009\\ -1124.05005 \pm 0.009\\ 1\\ 1\\ 1\\ 0\\ 954802432\\ 2553156835\\ -1124.05005 \pm 0.009\\ -1124.05005 \pm 0.009\\ 0\\ 0\\ 1\\ 328928812\\ 2553156835\\ -1124.05005 \pm 0.009\\ -1124.05005 \pm 0.009\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\$	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1=Ns_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	154 -1124.05005 0 11.4099998 -4.5 0 75  Actual Value 1 328928812 2553156835 -1124.05005 1 1 1 0 954802432 2553156835 -1124.05005 0 0 0 1 328928812 2553156835 -1124.05005 -1124.05005 0 0 1 1 328928812 2553156835 -1124.05005 0 0 1	$\begin{array}{c} 1\\ 328928812\\ 2553156835\\ -1124.05005 \pm 0.009\\ -1124.05005 \pm 0.009\\ 1\\ 1\\ 1\\ 0\\ 954802432\\ 2553156835\\ -1124.05005 \pm 0.009\\ -1124.05005 \pm 0.009\\ 0\\ 0\\ 0\\ 1\\ 328928812\\ 2553156835\\ -1124.05005 \pm 0.009\\ 0\\ 0\\ 1\\ 1\\ 328928812\\ 2553156835\\ -1124.05005 \pm 0.009\\ -1124.05005 \pm 0.009\\ 0\\ 1\\ 1\\ \end{array}$	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	154 -1124.05005 0 11.4099998 -4.5 0 75  Actual Value 1 328928812 2553156835 -1124.05005 1 1 1 0 954802432 2553156835 -1124.05005 0 0 0 1 328928812 2553156835 -1124.05005 0 0 1 1 328928812 2553156835 -1124.05005 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	$\begin{array}{c} 1\\ 328928812\\ 2553156835\\ -1124.05005 \pm 0.009\\ -1124.05005 \pm 0.009\\ 1\\ 1\\ 1\\ 0\\ 954802432\\ 2553156835\\ -1124.05005 \pm 0.009\\ -1124.05005 \pm 0.009\\ 0\\ 0\\ 0\\ 1\\ 328928812\\ 2553156835\\ -1124.05005 \pm 0.009\\ 0\\ 0\\ 1\\ 1\\ 328928812\\ 2553156835\\ -1124.05005 \pm 0.009\\ -1124.05005 \pm 0.009\\ 0\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ \end{array}$	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVId_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	154 -1124.05005 0 11.4099998 -4.5 0 75  Actual Value 1 328928812 2553156835 -1124.05005 1 1 1 0 954802432 2553156835 -1124.05005 0 0 0 1 328928812 2553156835 -1124.05005 0 0 1 1 1 124.05005 -1124.05005 0 0 1 1 1 1 1 1 1	$\begin{array}{c} 1\\ 328928812\\ 2553156835\\ -1124.05005 \pm 0.009\\ -1124.05005 \pm 0.009\\ 1\\ 1\\ 1\\ 0\\ 954802432\\ 2553156835\\ -1124.05005 \pm 0.009\\ -1124.05005 \pm 0.009\\ 0\\ 0\\ 0\\ 1\\ 328928812\\ 2553156835\\ -1124.05005 \pm 0.009\\ 0\\ 0\\ 1\\ 1\\ 328928812\\ 2553156835\\ -1124.05005 \pm 0.009\\ -1124.05005 \pm 0.009\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ \end{array}$	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AltoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_HiSpdLearnt_Cnt_M_lgc	154 -1124.05005 0 11.4099998 -4.5 0 75  Actual Value 1 328928812 2553156835 -1124.05005 1 1 1 0 954802432 2553156835 -1124.05005 -1124.05005 0 0 1 1 328928812 2553156835 -1124.05005 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 328928812 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 1 1 1 0 954802432 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 0 0 1 328928812 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 -1124.05005 ± 0.009 -1124.05005 ± 0.009 -1124.05005 ± 0.009 -1124.05005 ± 0.009 -1124.05005 ± 0.009 -1124.05005 ± 0.009	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AltoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_HiSpdLearnt_Cnt_M_lgc	154 -1124.05005 0 11.4099998 -4.5 0 75  Actual Value 1 328928812 2553156835 -1124.05005 1 1 1 0 954802432 2553156835 -1124.05005 0 0 1 328928812 2553156835 -1124.05005 0 0 1 1 1 124.05005 0 0 1 1 1 124.05005 0 1 1 1 1 1 1 1 1 1 1	1 328928812 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 1 1 1 0 954802432 2553156835 -1124.05005 ± 0.009 0 0 1 328928812 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 0 1 1 328928812 1 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 0 1 1 1 1 1 1	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AltoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_HiSpdLearnt_Cnt_M_lgc	154 -1124.05005 0 11.4099998 -4.5 0 75  Actual Value 1 328928812 2553156835 -1124.05005 1 1 1 0 954802432 2553156835 -1124.05005 -1124.05005 0 0 1 1 328928812 2553156835 -1124.05005 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 328928812 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 1 1 1 0 954802432 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 0 0 1 328928812 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 -1124.05005 ± 0.009 -1124.05005 ± 0.009 -1124.05005 ± 0.009 -1124.05005 ± 0.009 -1124.05005 ± 0.009 -1124.05005 ± 0.009	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value  Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Sy_ldy_gstr.Sty_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Sy_ldy_gstr.Sty_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Sy_ldy_gstr.Sty_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Sy_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Filter1_mable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_HiSpdLearnt_Cnt_M_lgc	154 -1124.05005 0 11.4099998 -4.5 0 75  Actual Value 1 328928812 2553156835 -1124.05005 1 1 1 0 954802432 2553156835 -1124.05005 0 0 1 328928812 2553156835 -1124.05005 0 0 1 1 1 124.05005 0 0 1 1 1 124.05005 0 1 1 1 1 1 1 1 1 1 1	1 328928812 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 1 1 1 0 954802432 2553156835 -1124.05005 ± 0.009 0 0 1 328928812 2553156835 -1124.05005 ± 0.009 -1124.05005 ± 0.009 0 1 1 328928812 1124.05005 ± 0.009 -1124.05005 ± 0.009 -1124.05005 ± 0.009 -1124.05005 ± 0.009 -1124.05005 ± 0.009	





Name	Actual Value	Expected Value	Result
VehDyn_SrlHwAgVldTimer_mS_M_u32	1186941824	1186941824	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	<b>✓</b>
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	-1600	-1600 ± 0.1	<b>✓</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	<b>~</b>

lame	Input Value
trmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
tetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
tte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	290.299988
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.300003
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.3000002
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	54.2999992
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3277
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	383750110
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-136.300003
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000951999973
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-136.300003
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000951999973
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	34.2999992
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96.8000031
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.0500002
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	78.5
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20423
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31368
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	383750110
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-136.300003
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000752000022
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-136.300003
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000495999993
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	34.0999985
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	136.100006
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1.10000002
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32.0999985
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	26195
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22037
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	383750110
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-136.300003
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.4800002e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-136.300003
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000951999973
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_ForceCenterEnabled_Cnt_M_lgc	1
ehDyn ForceCenterOffset HwDeg M f32	897.609985

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Name	Input Value		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	1152.90198		
VehDyn_MinOffset_HwDeg_M_f32	-389.765991		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	14		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000479000009		
VehDyn_SLPHwAuth_Uls_M_f32	0.351999998		
VehDyn_StPHwPos_HwDeg_M_f32	21.6700001 2127166208		
VehDyn_SrlHwAgVldTimer_mS_M_u32 k HiSpdVDAuthority Uls f32	1		
k HwTgMgnThd HwNm f32	5.25		
k_LoSpdVDAuthority_Uls_f32	1		
k_SrlHwAgVldTiThd_mS_u32	90		
k_SysKinRatio_MtrDegpHwDeg_f32	86.3000031		
k TravelXCDeadband Uls f32	7.5		
k_TravelXCHwAuthority_Uls_f32	0.207725003		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	824746752		
target_GetSystemTime_mS_u32_CurrentTime	2728878080		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi	4243378688		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	2127166208		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	oS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	ls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cn		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-455.329987		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1099.07898		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.80000019 -759.440002		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-136.300003		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	21.6700001		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target VehDyn Per1 VehicleSpeed Kph f32.value	99.9639969		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1	1	<b>~</b>
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	383750110	383750110	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809	2760420809	~
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-136.300003	-136.300003 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-136.300003	-136.300003 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc			
	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0		~
		0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0 0 1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0 1 1	0 0 1 1	\ \ \
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0 1 1 2728878080	0 0 1 1 2728878080	\ \ \
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0 1 1 2728878080 2760420809	0 0 1 1 2728878080 2760420809	\ \ \
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0 1 1 2728878080 2760420809 -136.300003	0 0 1 1 1 2728878080 2760420809 -136.300003 ± 0.0009 0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0 1 1 2728878080 2760420809 -136.300003 -136.300003	0 0 1 1 1 2728878080 2760420809 -136.300003 ± 0.0009 0 1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0 1 1 2728878080 2760420809 -136.300003 -136.300003	0 0 1 1 1 2728878080 2760420809 -136.300003 ± 0.0009 0 1 1 1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0 1 1 2728878080 2760420809 -136.300003 -136.300003 0 1	0 0 1 1 1 2728878080 2760420809 -136.300003 ± 0.0009 0 1 1 1 0 0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0 1 1 2728878080 2760420809 -136.300003 -136.300003 0 1 1	0 0 1 1 1 2728878080 2760420809 -136.300003 ± 0.0009 0 1 1 1 0 383750110	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0 1 1 2728878080 2760420809 -136.300003 -136.300003 0 1 1 1 0 383750110 2760420809	0 0 1 1 1 2728878080 2760420809 -136.300003 ± 0.0009 0 1 1 1 0 383750110 2760420809	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0 1 1 2728878080 2760420809 -136.300003 -136.300003 0 1 1 1 0 383750110 2760420809 -136.300003	0 0 1 1 1 2728878080 2760420809 -136.300003 ± 0.0009 0 1 1 1 0 0 383750110 2760420809 -136.300003 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0 1 1 2728878080 2760420809 -136.300003 -136.300003 0 1 1 1 0 383750110 2760420809 -136.300003 -136.300003	0 0 1 1 1 2728878080 2760420809 -136.300003 ± 0.0009 0 1 1 1 0 0 383750110 2760420809 -136.300003 ± 0.0009 -136.300003 ± 0.0009 -136.300003 ± 0.0009 -136.300003 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0 1 1 1 2728878080 2760420809 -136.300003 -136.300003 0 1 1 0 383750110 2760420809 -136.300003 -136.300003 1	0 0 1 1 1 2728878080 2760420809 -136.300003 ± 0.0009 0 1 1 1 0 0 383750110 2760420809 -136.300003 ± 0.0009 -136.300003 ± 0.0009 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0 1 1 1 2728878080 2760420809 -136.300003 -136.300003 0 1 1 0 383750110 2760420809 -136.300003 -136.300003 1 0	0 0 1 1 1 1 2728878080 2760420809 -136.300003 ± 0.0009 0 1 1 1 1 0 0 383750110 2760420809 -136.300003 ± 0.0009 0 1 1 1 1 0 0 1 1 1 0 0 1 1 1 0 1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0 1 1 1 2728878080 2760420809 -136.300003 -136.300003 0 1 1 0 383750110 2760420809 -136.300003 -136.300003 1 0 0 0	0 0 1 1 1 1 2728878080 2760420809 -136.300003 ± 0.0009 0 1 1 1 1 0 0 383750110 2760420809 -136.300003 ± 0.0009 0 1 1 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0 1 1 1 2728878080 2760420809 -136.300003 -136.300003 0 1 1 0 383750110 2760420809 -136.300003 -136.300003 1 0 0 0 1	0 0 1 1 1 1 2728878080 2760420809 -136.300003 ± 0.0009 0 1 1 1 1 0 0 383750110 2760420809 -136.300003 ± 0.0009 0 1 1 1 1 0 0 1 1 1 0 0 1 1 1 1 0 1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0 1 1 1 2728878080 2760420809 -136.300003 -136.300003 0 1 1 0 383750110 2760420809 -136.300003 -136.300003 1 0 0 1 1 1	0 0 1 1 1 1 2728878080 2760420809 -136.300003 ± 0.0009 0 1 1 1 1 0 0 383750110 2760420809 -136.300003 ± 0.0009 0 1 1 1 1 0 0 0 0 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 0 1 1 1 1 0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0 1 1 1 2728878080 2760420809 -136.300003 -136.300003 0 1 1 0 383750110 2760420809 -136.300003 -136.300003 1 0 0 0 1	0 0 1 1 1 1 2728878080 2760420809 -136.300003 ± 0.0009 0 1 1 1 1 0 0 383750110 2760420809 -136.300003 ± 0.0009 0 1 1 1 1 0 0 1 1 1 0 0 1 1 1 1 0 1	





Name	Actual Value	Expected Value	Result
VehDyn_MinOffset_HwDeg_M_f32	-319.029968	-319.029999	✓
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.997057	13.997057 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2127166208	2127166208	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1033.91003	-1033.91003 ± 0.1	✓

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lame	Innut Value
	Input Value
htmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
tte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.600006
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.5999985
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.6000004
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.5999985
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58869
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.839996
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000961999991
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.839996
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	159.300003
'ehDyn AutoCntrHiSpd M str.VehSpd kph f32	68.8000031
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.7999992
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.599985
'ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
/ehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	36416
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
ehbyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.839996
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000761999981
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.839996
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000515999971
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	412.5
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	106.5
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.5
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.5
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.839996
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.58000024e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.839996
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0

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Name	Input Value		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	997.52002		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	-1157.89404		
VehDyn_MinOffset_HwDeg_M_f32	12.3000002		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.5		
VehDyn_PinTrqSV_M_str.K_Uls_f32 VehDyn_SLPHwAuth_Uls_M_f32	0.000483999989 0.333000004		
VehDyn SLPHwPos HwDeg M f32	31.9300003		
VehDyn_SrlHwAgVldTimer_mS_M_u32	4243378688		
k_HiSpdVDAuthority_Uls_f32	0.89999976		
k_HwTqMgnThd_HwNm_f32	1.10000002		
k_LoSpdVDAuthority_UIs_f32	1		
k SrlHwAgVldTiThd mS u32	70		
k_SysKinRatio_MtrDegpHwDeg_f32	63.2000008		
k_TravelXCDeadband_Uls_f32	6.46999979		
k_TravelXCHwAuthority_Uls_f32	0.208949998		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3304439296		
target_GetSystemTime_mS_u32_CurrentTime	824746752		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_ElapsedT$	1117112832		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms_u32\_CurrentTime\_uss_uss_uss_uss_uss_uss_uss_uss_uss_uss$	4243378688		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3:		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32	<b>100</b>	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	target_VehDyn_Per1_VehicleSpeed_Kph_f3: -449.070007	2	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1093.51001		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	8.35999966		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-456		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-444.839996		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	31.9300003		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32			-
	1024	1024	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024 54822322		
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32		1024	
	54822322	1024 54822322	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	54822322 -444.839996	1024 54822322 -444.839996 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	54822322 -444.839996 -444.839996 0	1024 54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009 0	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	54822322 -444.839996 -444.839996 0 0	1024 54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009 0	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	54822322 -444.839996 -444.839996 0 0	1024 54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009 0 0	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322 -444.839996 -444.839996 0 0 1 1 824746752	1024 54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009 0 0 1 824746752	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322 -444.839996 -444.839996 0 0 1 1 824746752 54822322	1024 54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009 0 0 1 824746752 54822322	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	54822322 -444.839996 -444.839996 0 0 1 1 824746752 54822322 -444.839996	1024 54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009 0 0 1 824746752 54822322 -444.839996 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	54822322 -444.839996 -444.839996 0 0 1 824746752 54822322 -444.839996 -444.839996	1024 54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009 0 0 1 824746752 54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009	
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VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	54822322 -444.839996 -444.839996 0 0 1 824746752 54822322 -444.839996 -444.839996 0	1024 54822322 -444.839996 ± 0.0009 0 0 0 1 824746752 54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009	
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VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	54822322 -444.839996 -444.839996 0 0 1 824746752 54822322 -444.839996 0 1 1 1 0 1024 54822322 -444.839996 -444.839996 -444.839996	1024 54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009 0 0 1 824746752 54822322 -444.839996 ± 0.0009 0 1 1 1 0 1024 54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009 -444.839996 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.TelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	54822322 -444.839996 -444.839996 0 0 1 824746752 54822322 -444.839996 -444.839996 0 1 1 1 0 1024 54822322 -444.839996 -444.839996 -444.839996 -444.839996	1024 54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009 0 0 1 824746752 54822322 -444.839996 ± 0.0009 0 1 1 0 1024 54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009 -444.839996 ± 0.0009 -444.839996 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	54822322 -444.839996 -444.839996 0 0 1 824746752 54822322 -444.839996 0 1 1 1 0 1024 54822322 -444.839996 -444.839996 -444.839996	1024 54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009 0 0 1 824746752 54822322 -444.839996 ± 0.0009 0 1 1 1 0 1024 54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009 -444.839996 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.TelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	54822322 -444.839996 -444.839996 0 0 1 824746752 54822322 -444.839996 0 1 1 1 0 1024 54822322 -444.839996 -444.839996 -444.839996 1 0 1024 50	1024 54822322 -444.839996 ± 0.0009 0 0 0 1 824746752 54822322 -444.839996 ± 0.0009 0 1 1 1 0 1024 54822322 -444.839996 ± 0.0009 0 1 1 1 0 1024 54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	54822322 -444.839996 -444.839996 0 0 1 824746752 54822322 -444.839996 0 1 1 1 0 1024 54822322 -444.839996 -444.839996 -444.839996 1 0 0 0 0	1024 54822322 -444.839996 ± 0.0009 0 0 0 1 824746752 54822322 -444.839996 ± 0.0009 0 1 1 1 0 1024 54822322 -444.839996 ± 0.0009 -444.839996 ± 0.0009 -444.839996 ± 0.0009 -444.839996 ± 0.0009	





Name	Actual Value	Expected Value	Result
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	✓
VehDyn_MaxOffset_HwDeg_M_f32	-1157.89404	-1157.89404	~
VehDyn_MinOffset_HwDeg_M_f32	12.3000002	12.3000002	✓
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.50328505	1.50328505 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	4243378688	4243378688	✓
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1442.35999	-1442.35999 ± 0.1	✓

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.189 (Repeat Count = 1)	
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	604.099976
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	116.099998
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.1000004
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	85.0999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21364
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22497
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-480.880005
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000953999988
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-480.880005
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000953999988
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	2.25
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	106.699997
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.25
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.8000031
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	7034
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	39056
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-480.880005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000753999979
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-480.880005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000500000024
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	2.20000005
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	146.199997
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.19999981
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.2000008
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43190
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3186
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-480.880005
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.50000036e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-480.880005
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000953999988
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
5	*





Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	1097.43005		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1 1162.88599		
VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	-376.39801		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	8.89999962		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000479999988		
VehDyn SLPHwAuth Uls M f32	0.31400001		
VehDyn_SLPHwPos_HwDeg_M_f32	42.1899986		
VehDyn SrlHwAgVldTimer mS M u32	1050692864		
k_HiSpdVDAuthority_Uls_f32	0		
k_HwTqMgnThd_HwNm_f32	1.20000005		
k_LoSpdVDAuthority_Uls_f32	0		
k_SrlHwAgVldTiThd_mS_u32	456		
k_SysKinRatio_MtrDegpHwDeg_f32	56.0999985		
k_TravelXCDeadband_Uls_f32	5.44000006		
k_TravelXCHwAuthority_Uls_f32	0.210174993		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	309385728		
target_GetSystemTime_mS_u32_CurrentTime	824746752		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_Elapsed$	Ti 1736795392		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTime_ms_u32\_CurrentTim$	e 1050692864		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_H	wDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVId_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrI		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_C target_VehDyn_Per1_VehicleSpeed_Kph_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-442.809998	32	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1087.94104		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	8.92000008		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.549988		
target VehDyn Per1 RelHwPos HwDeg f32.value	-480.880005		
target VehDyn Per1 SrlHwAgVld Cnt lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	42.1899986		
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	7.9000001		
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	87		
Name	A -41 W-1		
	Actual value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M lgc	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1	1	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32		•	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1 2967684784	1 2967684784	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1 2967684784 2967684784	1 2967684784 2967684784	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 2967684784 2967684784 -480.880005	1 2967684784 2967684784 -480.880005 ± 0.0009	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1 2967684784 2967684784 -480.880005 -480.880005	1 2967684784 2967684784 -480.880005 ± 0.0009 -480.880005 ± 0.0009	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1 2967684784 2967684784 -480.880005 -480.880005	1 2967684784 2967684784 -480.880005 ± 0.0009 -480.880005 ± 0.0009	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1 2967684784 2967684784 -480.880005 -480.880005 1	1 2967684784 2967684784 -480.880005 ± 0.0009 -480.880005 ± 0.0009 1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1 2967684784 2967684784 -480.880005 -480.880005 1	1 2967684784 2967684784 -480.880005 ± 0.0009 -480.880005 ± 0.0009 1 1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1 2967684784 2967684784 -480.880005 -480.880005 1 1	1 2967684784 2967684784 -480.880005 ± 0.0009 -480.880005 ± 0.0009 1 1 0	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1 2967684784 2967684784 -480.880005 -480.880005 1 1 0 0	1 2967684784 2967684784 -480.880005 ± 0.0009 -480.880005 ± 0.0009 1 1 0 0	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1 2967684784 2967684784 -480.880005 -480.880005 1 1 0 0 824746752 2967684784	1 2967684784 2967684784 -480.880005 ± 0.0009 -480.880005 ± 0.0009 1 1 0 0 824746752 2967684784	
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VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 2967684784 2967684784 -480.880005 -480.880005 1 1 0 0 824746752 2967684784 -480.880005 0 0 1 824746752 2967684784 -480.880005	1 2967684784 2967684784 -480.880005 ± 0.0009 -480.880005 ± 0.0009 1 1 0 0 824746752 2967684784 -480.880005 ± 0.0009 0 0 1 824746752 2967684784 -480.880005 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Sintialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 2967684784 2967684784 -480.880005 -480.880005 1 1 0 0 824746752 2967684784 -480.880005 0 0 1 824746752 2967684784 -480.880005 -480.880005 -480.880005	1 2967684784 2967684784 -480.880005 ± 0.0009 -480.880005 ± 0.0009 1 1 0 0 824746752 2967684784 -480.880005 ± 0.0009 0 0 1 824746752 2967684784 -480.880005 ± 0.0009 -480.880005 ± 0.0009 0 -480.880005 ± 0.0009 -480.880005 ± 0.0009 -480.880005 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1 2967684784 2967684784 -480.880005 -480.880005 1 1 0 0 824746752 2967684784 -480.880005 0 0 1 824746752 2967684784 -480.880005 0 0 1 824746752 2967684784 -480.880005 -480.880005	1 2967684784 2967684784 -480.880005 ± 0.0009 -480.880005 ± 0.0009 1 1 0 0 824746752 2967684784 -480.880005 ± 0.0009 0 0 1 824746752 2967684784 -480.880005 ± 0.0009 0 0 1 824746752 2967684784 -480.880005 ± 0.0009 0 0 0 0 1	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Sintialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 2967684784 2967684784 -480.880005 -480.880005 1 1 0 0 824746752 2967684784 -480.880005 0 0 1 824746752 2967684784 -480.880005 -480.880005 -480.880005	1 2967684784 2967684784 -480.880005 ± 0.0009 -480.880005 ± 0.0009 1 1 0 0 824746752 2967684784 -480.880005 ± 0.0009 0 0 1 824746752 2967684784 -480.880005 ± 0.0009 -480.880005 ± 0.0009 0 -480.880005 ± 0.0009 -480.880005 ± 0.0009 -480.880005 ± 0.0009	





Name	Actual Value	Expected Value	Result
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1087.94104	1087.94104	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-442.809998	-442.809998	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	8.90007687	8.90007687 ± 0.000009	<b>✓</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	1050692864	1050692864	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.31400001	0.31400001 ± 0.004	<b>✓</b>
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-438.690002	-438.690002 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

ame	Input Value
rmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
etSystemTime mS u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
re_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
re_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
e Inst Ap VehDyn	target Rte Inst Ap VehDyn
ehDyn AllowHiSpdAutoCntr Cnt M Igc	0
ehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	554.200012
ehDyn AutoCntrDetSpd M str.VehSpd kph f32	126.199997
ehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	14.199998
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.1999969
ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	33198
ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	27074
ehDyn AutoCntrDetSpd M str.Timer1 mS u32	3174948758
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758
ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	710.950012
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000956000003
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	710.950012
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000956000003
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	1
ehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	120.400002
ehDyn AutoCntrHiSpd M str.VehSpd kph f32	116.5
ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	4.400001
ehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	32.25
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	25532
ehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	27401
ehDyn AutoCntrHiSpd M str.Timer1 mS u32	3174948758
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	710.950012
ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg_str.K Uls f32	0.000755999994
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	710.950012
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00503999996
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Ehable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0
ehDyn AutoCntrloSpd M str.MtrVel MtrRadpS f32	120.599998
ehDyn AutoCntrLoSpd M str.VehSpd kph f32	156.600006
, = , = , = , = , = ,	13.6000004
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	13.6000004
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	30404
ehDyn_AutoCntrloSpd_M_str.Timer2Thresh_mS_u16	30349
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948758
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	710.950012

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Input Value



Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	710.950012		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000956000003		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	1197.33997		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	-1167.87805		
VehDyn_MinOffset_HwDeg_M_f32	-369.713989		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	13.8999996		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000480999995		
VehDyn_SLPHwAuth_Uls_M_f32	0.294999987		
VehDyn_SLPHwPos_HwDeg_M_f32	52.4500008		
VehDyn_SrlHwAgVldTimer_mS_M_u32	3039943680		
k_HiSpdVDAuthority_Uls_f32	1		
k_HwTqMgnThd_HwNm_f32	6.5		
k LoSpdVDAuthority UIs f32	1		
k_SrlHwAgVldTiThd_mS_u32	3229		
k_SysKinRatio_MtrDegpHwDeg_f32	54.0999985		
k_TravelXCDeadband_UIs_f32	4.40999985		
	0.211400002		
k_TravelXCHwAuthority_Uls_f32			
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4164171008		
target_GetSystemTime_mS_u32_CurrentTime	309385728		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	3039943680		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_	f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f3	32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_	_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrF	RadpS_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg	f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthorit	_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lg	-	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_t		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_M		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph	1_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-436.549988		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1082.37195		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	9.47999954		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	710.950012		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	52.4500008		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.79999995		
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	127.450996		
		l=	
Name	Actual Value	Expected Value	Resul
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	309385728	309385728	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758	3174948758	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	710.950012	710.950012 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	710.950012	710.950012 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	1	1	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948758	3174948758	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174946756	3174948758	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	710.950012	710.950012 ± 0.0009	
	710.950012	710.950012 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32		1	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
	1		•
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1 1 1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1 1 1 0	1 1 0	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1 1 1 0 309385728	1 1 0 309385728	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1082.37195	1082.37195	~
VehDyn_MinOffset_HwDeg_M_f32	-436.549988	-436.549988	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.8978577	13.8978577 ± 0.00009	<b>✓</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	3039943680	3039943680	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-486.389954	-486.390015 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

est Step 2.191 (Repeat Count = 1)	Input Value
trmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
etSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
te Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime
te Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
te Inst Ap VehDyn	
ehDyn AllowHiSpdAutoCntr Cnt M Igc	target_Rte_Inst_Ap_VehDyn 1
ehDyn_AilowniSpuAdioCriti_Crit_M_igc ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.399994
ehDyn_AutoCntrDetSpd_M_str.Wilver_wilrAdups_isz	52.4000015
, - , , -, -	14.3999996
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.4000015
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58869
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000961999991
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	159
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	68.3000031
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.7999992
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000761999981
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000515999971
ehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	0
ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	1
ehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt lgc	1
ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0
ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	412.700012
ehDyn AutoCntrLoSpd M str.VehSpd kph f32	106.699997
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.6999998
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.6999998
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352
ehDyn_AutoChtrLoSpd_M_str.TimerThresh_mS_u16	14442

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.58000024e-005 -714.090027		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991		
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	1297.25		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	-363.029999		
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.5		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000483999989		
VehDyn SLPHwAuth Uls M f32	0.275999993		
VehDyn SLPHwPos HwDeg M f32	62.7099991		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1316564736		
k_HiSpdVDAuthority_Uls_f32	0		
k_HwTqMgnThd_HwNm_f32	0.00120000006		
k_LoSpdVDAuthority_UIs_f32	0.899999976		
k_SrlHwAgVldTiThd_mS_u32	987		
k_SysKinRatio_MtrDegpHwDeg_f32	63.3199997		
k_TravelXCDeadband_Uls_f32	3.38000011		
k_TraveIXCHwAuthority_UIs_f32	0.212624997		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3304439296		
target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT	824746752 3494315776		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target VehDyn Per1 CcwEOT HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadp	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	lls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32	roo	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_TorqueCmdCRF_MtrN target_VehDyn_Per1_VehicleSpeedValid_Cn		
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-430.290009	_	
target VehDyn Per1 CwEOT HwDeg f32.value	1076.80298		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.11000001		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-456		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-714.090027		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	62.7099991		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230	I=	
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	_
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024	1024	<b>*</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	54822322 -714.090027	54822322 -714.090027 ± 0.0009	-
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV_Uls f32	-714.090027 -714.090027	-714.090027 ± 0.0009	J
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	824746752	824746752	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322	54822322	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	744 000007	-714.090027 ± 0.0009	•
Veribyri_Autoonur iiopu_ivi_suveri iwr osi iit iov_i iwbeg_str.ov_ois_isz	-714.090027		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	-714.090027 0	0	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	-714.090027 0 1	0	<b>*</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	-714.090027 0	0	\rightarrow \frac{1}{2}



Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	824746752	824746752	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322	54822322	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	1172.87	1172.87	~
VehDyn_MinOffset_HwDeg_M_f32	283.800018	283.799988	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.49870157	1.49870157 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1316564736	1316564736	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.275999993	0.275999993 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-651.380005	-651.380005 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.192 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	554.099976
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	84.0999985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004656
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	110.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000958000019
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	110.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000958000019
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1.
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	456
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	35.7999992
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.3999996
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75.4499969
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	33198
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004656
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	110.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000758000009
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	110.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000508000026
VehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	0
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	456.799988
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	86.8000031

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.80000019		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.8000031		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27074		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004656		
VehDyn_AutoCntrloSpd_M_str.Timer2_mS_u32	4211268631 110.5		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.53999993e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	110.5		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000958000019		
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	1397.16003		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	1177.86206		
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32	-369.75 -5.4000001		
VehDyn_PinTrqSV_M_str.Sv_Uis_f32 VehDyn_PinTrqSV_M_str.K_Uis_f32	-5.4000001 0.000482000003		
VehDyn SLPHwAuth Uls M f32	0.256999999		
VehDyn SLPHwPos HwDeg M f32	72.9700012		
VehDyn_SrlHwAgVldTimer_mS_M_u32	2075080192		
k_HiSpdVDAuthority_Uls_f32	0		
k_HwTqMgnThd_HwNm_f32	1.10000002		
k_LoSpdVDAuthority_Uls_f32	1		
k_SrlHwAgVldTiThd_mS_u32	16445		
k_SysKinRatio_MtrDegpHwDeg_f32	54.2999992		
k_TravelXCDeadband_Uls_f32	2.3499999		
k_TravelXCHwAuthority_Uls_f32	0.213850006		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	437658624		
target_GetSystemTime_mS_u32_CurrentTime	954802432		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_Elapsed			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTim target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	e 2075080192 target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3	2	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRac		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_	Uls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_H	wDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mtrl		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_C		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-424.029999 4074.23404		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value	1071.23401 -1.22000003		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.109985		
target_VehDyn_Per1_MotorVelCRF_MitrRadpS_i32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	110.5		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	72.9700012		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.2999995		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	499.220001		
Name	Actual Value	Expected Value	Resu
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004656	4004004656	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631	4211268631	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	110.5	110.5 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	110.5	110.5 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrlDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	,
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004656	4004004656	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	4211268631 110.5	4211268631 110.5 ± 0.0009	

110.5

 $VehDyn\_AutoCntrHiSpd\_M\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32$ 

110.5 ± 0.0009





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631	4211268631	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	110.5	110.5 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	110.5	110.5 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	960.734009	960.734009	<b>~</b>
VehDyn_MinOffset_HwDeg_M_f32	-369.75	-369.75	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-5.39797401	-5.39797354 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2075080192	2075080192	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.256999999	0.256999999 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	183.470001	183.470001 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 CheckpointReached	1	_

Test Step 2.193 (Repeat Count = 1)	Invest Value
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	600.200012
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	64.1999969
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.2000008
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	41.2000008
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	38868
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	38708
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2160073393
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000959999976
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000959999976
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	566.799988
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	75.5
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.7999992
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	97
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21335
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	34188
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4211268631
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2160073393
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1014.73999
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000760000024
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1014.73999
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000511999999
/ehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	1
/ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	566,900024
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	96.9000015

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.89999962		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	42.9000015		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53759		
VehDyn_AutoCatrl oSpd_M_str.Timer2Thresh_mS_u16	18715		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631 2160073393		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.56000009e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000959999976		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn ForceCenterEnabled Cnt M Igc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	1497.06995		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	1182.854		
VehDyn_MinOffset_HwDeg_M_f32	-376.470001		
VehDyn_PinTrqSV_M_str.SV_UIs_f32 VehDyn_PinTrqSV_M_str.K_UIs_f32	7.5999999 0.000483000011		
VehDyn_SLPHwAuth_Uls_M_f32	0.238000005		
VehDyn_SLPHwPos_HwDeg_M_f32	83.2300034		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1640834048		
k_HiSpdVDAuthority_Uls_f32	1		
k_HwTqMgnThd_HwNm_f32	2.0999999		
k_LoSpdVDAuthority_Uls_f32	0		
k_SrlHwAgVldTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32	41.0999985		
k_TravelXCDeadband_Uls_f32	1.32000005		
k_TravelXCHwAuthority_Uls_f32	0.215075001		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3941357312		
target_GetSystemTime_mS_u32_CurrentTime	2728878080		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_Elapsed$	1759885568		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	Jls_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_TorqueCmdCRF_MtrN target_VehDyn_Per1_VehicleSpeedValid_Ci	_	
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	<del></del>	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-417.769989		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1065.66504		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.33000004		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.440002		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1014.73999		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	0 83.2300034		
target_VenDyn_Per1_SnHwAg_HwDeg_t32.value target_VenDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	120.410004		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631	4211268631	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2160073393	2160073393	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	-1014.73999 1	-1014.73999 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2728878080	2728878080	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2160073393	2160073393	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	<b>V</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2728878080	2728878080	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2160073393	2160073393	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>~</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1065.66504	1065.66504	~
VehDyn_MinOffset_HwDeg_M_f32	-417.769989	-417.769989	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.59575272	7.59575272 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1640834048	1640834048	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	<b>~</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 CheckpointReached	1	<b>✓</b>

Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.300003
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.2999992
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.3000002
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.2999992
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58869
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-284.299988
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000961999991
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-284.299988
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	159
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	68.5
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.7999992
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.9000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-284.299988
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000761999981
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-284.299988
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000515999971
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	1





Name	Input Value		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	412.5		
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	106.5		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.5		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.5		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-284.299988		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.58000024e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-284.299988		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	1596.97998		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	1187.84595		
VehDyn_MinOffset_HwDeg_M_f32	-383.190002		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.5		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000483999989		
VehDyn_SLPHwAuth_Uls_M_f32	0.218999997		
VehDyn_SLPHwPos_HwDeg_M_f32	93.4899979		
VehDyn_SrlHwAgVldTimer_mS_M_u32	862957440		
k_HiSpdVDAuthority_UIs_f32	0		
k_HwTqMgnThd_HwNm_f32	3.0999999		
k_LoSpdVDAuthority_UIs_f32	1		
k_SrlHwAgVldTiThd_mS_u32	4891		
k_SysKinRatio_MtrDegpHwDeg_f32	63.2000008		
k_TravelXCDeadband_Uls_f32	2.8900001		
k_TravelXCHwAuthority_Uls_f32	0.216299996		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3304439296		
target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi	824746752		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime		2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f3: target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRa		
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos HwDeg f		
target_Rte_Inst_Ap_venDyn.VenDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_		
target_Rte_inst_Ap_veribyii.veribyii_Feri_SensoriessAutrionty_0is_i32  target_Rte_inst_Ap_veribyii.veribyii_Feri_SensoriessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_H		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAg HwDeg f32	target VehDyn Per1 SrlHwAg HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mtr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_0		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-411.51001		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1060.09595		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.44000006		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-456		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-284.299988		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	93.4899979		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	·
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024	1024	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322	54822322	
Vol.Dur. AutoCottrDotCod M. etc.Doll.huDoc.Filt46V/ LhuDoc. etc.6V/ Llle.622	204 200000	204 200000 + 0 0000	

Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024	1024	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322	54822322	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-284.299988	-284.299988 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-284.299988	-284.299988 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024	1024	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322	54822322	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-284.299988	-284.299988 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-284.299988	-284.299988 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024	1024	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322	54822322	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-284.299988	-284.299988 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-284.299988	-284.299988 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>~</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	1060.09595	1060.09595	~
VehDyn_MinOffset_HwDeg_M_f32	-411.51001	-411.51001	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.49854183	1.49854183 ± 0.000009	<b>~</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	862957440	862957440	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.218999997	0.218999997 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-190.809998	-190.809998 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	<b>~</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.195 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	457.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	34.0999985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	88.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20423
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18715
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.78003
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000964000006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.78003
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000964000006
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	10.1000004
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	45.7999992
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.3999996
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	42.2999992
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	29076
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	43868
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.78003
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000763999997
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.78003
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000520000001
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	0

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VehDyn\_Per1



Name	Input Value		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	10.6000004		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	116.599998		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.6000004		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	53.5999985		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21364		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52716		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.78003		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	7.51999978e-005 1259.78003		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000964000006		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	1297.25		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	-1192.83801		
VehDyn_MinOffset_HwDeg_M_f32	-389.910004		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000002		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000484999997		
VehDyn_SLPHwAuth_Uls_M_f32	0.200000003		
VehDyn_SLPHwPos_HwDeg_M_f32	103.75		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1185596672		
k_HiSpdVDAuthority_Uls_f32	1		
k_HwTqMgnThd_HwNm_f32	4.0999999		
k_LoSpdVDAuthority_UIs_f32	0		
k_SrlHwAgVldTiThd_mS_u32	91986		
k_SysKinRatio_MtrDegpHwDeg_f32	88.8000031		
k_TraveIXCDeadband_UIs_f32	4.46000004 0.217525005		
k_TravelXCHwAuthority_Uls_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime	2167769344		
target_GetSystemTime_mS_u32_CurrentTime	309385728		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target VehDyn Per1 CcwEOT HwDeg f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	dpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_	Uls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	wDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mtr1		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_C		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-405.25		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1054.52698		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.54999995		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	987.5		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1259.78003		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value			
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	103.75 -4.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	245.641006		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1	1	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322	54822322	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024	1024	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.78003	1259.78003 ± 0.009	_
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.78003	1259.78003 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>~</b>

VehDyn\_AutoCntrDetSpd\_M\_str.Filter1Initialized\_Cnt\_lgc VehDyn\_AutoCntrDetSpd\_M\_str.Filter2Initialized\_Cnt\_lgc

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	309385728	309385728	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024	1024	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.78003	1259.78003 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.78003	1259.78003 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	309385728	309385728	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024	1024	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.78003	1259.78003 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.78003	1259.78003 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	-1192.83801	-1192.83801	~
VehDyn_MinOffset_HwDeg_M_f32	-389.910004	-389.910004	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000253	-1.60000253 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1185596672	1185596672	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-37.4699707	-37.4700012 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.196 (Repeat Count = 1)	
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.100006
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.100006
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.10000038
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	41.0999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25496
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	109643620
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004656
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000899999985
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00089999985
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1.
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	580.099976
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	126
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.0999999
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.1399994
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	37799
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	41632
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	109643620
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000699999975

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VehDyn\_Per1



	1		
Name	Input Value		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000391999987		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	580.799988		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156.800003		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.7999995		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	42.7999992		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	16683		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22497		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	109643620		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004656 1600		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.95999988e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.Ry_Uls_f32	1600		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32	0.000899999985		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn ForceCenterOffset HwDeg M f32	398.059998		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	1267.71802		
VehDyn_MinOffset_HwDeg_M_f32	-490.709991		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	6.30000019		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000452999986		
VehDyn_SLPHwAuth_Uls_M_f32	0.0549999997		
VehDyn_SLPHwPos_HwDeg_M_f32	257.649994		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1314708608		
k_HiSpdVDAuthority_Uls_f32	0		
k_HwTqMgnThd_HwNm_f32	5.0999999		
k_LoSpdVDAuthority_Uls_f32	1		
k_SrlHwAgVldTiThd_mS_u32	12		
k_SysKinRatio_MtrDegpHwDeg_f32	32.5		
k_TravelXCDeadband_Uls_f32	28.0100002		
k_TravelXCHwAuthority_Uls_f32	0.2359		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1720406272		
target_GetSystemTime_mS_u32_CurrentTime	4243378688		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u332_			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	· <del>-</del>	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_UIs_f32	target_VehDyn_Per1_SensorlessAuthority_		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_H	wDeg_132	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAg_HwDeg_f33	)	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mtrl target_VehDyn_Per1_VehicleSpeedValid_C		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeedValid_C		
target VehDyn Per1 CcwEOT HwDeg f32.value	-423.190002	· <u>·</u>	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value	-423.190002 360		
target VehDyn Per1 HwTorque HwNm f32.value	-3.20000005		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.5		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1600		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	257.649994		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.5		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	500		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M Igc	0	0	- toount
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4243378688	4243378688	•
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	4004004656	4004004656	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	_
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1600	1600 ± 0.009	

1600

 $VehDyn\_AutoCntrDetSpd\_M\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32$ 

1600 ± 0.009





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	109643620	109643620	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	109643620	109643620	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004656	4004004656	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	360	360	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-423.190002	-423.190002	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_UIs_f32	6.29571772	6.29571724 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1314708608	1314708608	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1201.93994	1201.93994 ± 0.1	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	-

Test Step 2.197 (Repeat Count = 1)	
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime$
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	457.299988
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	176.300003
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.30000019
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.2999992
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	11226
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	60000
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	164464918
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	45.0099983
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000902
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	45.0099983
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000902
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	621
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	136.600006
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	1.10000002
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.0999985
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	26195
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	22037
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	164464918
/ehDyn AutoCntrHiSpd M str.Timer2 mS u32	54822322

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VehDyn\_Per1



Name	Input Value		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	45.0099983		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00070199999		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	45.0099983		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000395999989		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrl Spd_M_str.Filter2Initialized_Cnt_lgc	1 621.400024		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	166.399994		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.34000015		
VehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	12.3000002		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27074		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	164464918		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	45.0099983		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.9800003e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	45.0099983		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000902		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	497.970001		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	1272.70996		
VehDyn_MinOffset_HwDeg_M_f32	-497.429993		
VehDyn_PinTrqSV_M_str.SV_UIs_f32 VehDyn_PinTrqSV_M_str.K_UIs_f32	15.1999998 0.000453999994		
VehDyn_SLPHwAuth_Uls_M_f32	0.064000003		
VehDyn_SLPHwPos_HwDeg_M_f32	267.910004		
VehDyn_SrlHwAgVldTimer_mS_M_u32	2087849472		
k_HiSpdVDAuthority_Uls_f32	1		
k_HwTqMgnThd_HwNm_f32	6.0999999		
k_LoSpdVDAuthority_UIs_f32	0		
k_SrlHwAgVldTiThd_mS_u32	45		
k_SysKinRatio_MtrDegpHwDeg_f32	52.2000008		
k_TraveIXCDeadband_Uls_f32	29.5799999		
k_TravelXCHwAuthority_UIs_f32	0.237124994 2659241984		
target_DtrmnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime	1050692864		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTi			
target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32	target_VehDyn_Per1_SensorlessAuthority_L		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	vDeg_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target VehDyn Per1 VehicleSpeedValid Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target VehDyn Per1 VehicleSpeed Kph f3		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-430.910004		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1440.10999		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-3.30999994		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.549988		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	45.0099983		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	267.910004		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.60000002		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0 499		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value		Expected Value	Paged
Name VehDvn AllowHiSpdAutoCotr Cot M Ide	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1 164464918	164464918	
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	54822322	54822322	

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	45.0099983	45.0099983 ± 0.00009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	45.0099983	45.0099983 ± 0.00009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1050692864	1050692864	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322	54822322	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	45.0099983	45.0099983 ± 0.00009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	45.0099983	45.0099983 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1050692864	1050692864	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322	54822322	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	45.0099983	45.0099983 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	45.0099983	45.0099983 ± 0.00009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1272.70996	1272.70996	•
VehDyn_MinOffset_HwDeg_M_f32	-475.920013	-475.920013	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_UIs_f32	15.1915827	15.1915827 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2087849472	2087849472	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	267.910004	267.910004 ± 0.1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.198 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	498.399994
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	186.399994
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.3999996
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	88.4000015
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	29729
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	33804
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000904000015
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000904000015
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	662
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	146.100006
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7.0999999
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52.4000015

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	43190
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3186
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000704000005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00039999999
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	662.099976
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	176.139999
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.0999999
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	53.0999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	29076
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	43868
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.00000019e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000904000015
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	597.880005
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1277.70203
VehDyn_MinOffset_HwDeg_M_f32	-504.149994
VehDyn_PinTrqSV_M_str.SV_UIs_f32	14
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000455000001
VehDyn_SLPHwAuth_Uls_M_f32	0.0729999989
VehDyn_SLPHwPos_HwDeg_M_f32	278.170013
VehDyn_SrlHwAgVldTimer_mS_M_u32	1309118848
k_HiSpdVDAuthority_Uls_f32	0
k_HwTqMgnThd_HwNm_f32	7.0999999
k_LoSpdVDAuthority_Uls_f32	1
k_SrlHwAgVldTiThd_mS_u32	65
k_SysKinRatio_MtrDegpHwDeg_f32	41.8499985
k_TravelXCDeadband_Uls_f32	31.1499996
k_TravelXCHwAuthority_Uls_f32	0.238350004
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2942063360
target_GetSystemTime_mS_u32_CurrentTime	3039943680
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi	1050692864
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	824746752
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-438.630005
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1415.25
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-3.42000008
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.099976
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	0
target VehDyn Per1 SrlHwAgVld Cnt lgc.value	1
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	278.170013
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	120.050003

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Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3039943680	3039943680	✓
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024	1024	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	✓
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	✓
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	✓
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	✓
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	219286216	219286216	✓
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024	1024	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	✓
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	✓
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	✓
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	✓
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	219286216	219286216	✓
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024	1024	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.0009	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	✓
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	✓
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	✓
VehDyn_Initialize_Cnt_M_lgc	1	1	✓
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	✓
VehDyn_MaxOffset_HwDeg_M_f32	1277.70203	1277.70203	✓
VehDyn_MinOffset_HwDeg_M_f32	-438.630005	-438.630005	✓
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.9921236	13.9921236 ± 0.00009	✓
VehDyn_SrlHwAgVldTimer_mS_M_u32	1309118848	1309118848	✓
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	✓
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-597.880005	-597.880005 ± 0.1	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.199 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	539.099976
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	196.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22497
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-275.019989
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000905999972
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-275.019989
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000905999972
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124.599998
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	156
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	13.6000004

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	10.3999996
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	30404
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	30349
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-275.019989
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000706000021
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-275.019989
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000403999991
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	124.400002
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	186.100006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
VehDyn_AutoCntrloSpd_M_str.CntrWindow_HwDeg_f32	86.0999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	32821 53946
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-275.019989
VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.02000034e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.Ry_Uls_f32	-275.019989
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000905999972
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	697.789978
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1282.69397
VehDyn_MinOffset_HwDeg_M_f32	-510.869995
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.80000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000456000009
VehDyn_SLPHwAuth_Uls_M_f32	0.0820000023
VehDyn_SLPHwPos_HwDeg_M_f32	288.429993
VehDyn_SrlHwAgVldTimer_mS_M_u32	54083328
k_HiSpdVDAuthority_UIs_f32	1
k_HwTqMgnThd_HwNm_f32	8.10000038
k_LoSpdVDAuthority_Uls_f32	0
k_SrlHwAgVldTiThd_mS_u32	112
k_SysKinRatio_MtrDegpHwDeg_f32 k_TravelXCDeadband_Uls_f32	63.0139999 32.7200012
k TravelXCHwAuthority Uls f32	0.239574999
target DtrmnElapsedTime mS u32 ElapsedTime	1117112832
target GetSystemTime mS u32 CurrentTime	1316564736
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTi	
target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1440.10999
	987.698975
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-3.52999997
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-3.52999997 -456
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-3.52999997 -456 -275.019989
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	-3.52999997 -456 -275.019989
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-3.52999997 -456 -275.019989 0 288.429993
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	-3.52999997 -456 -275.019989





Name	Input Value		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230.039993		
Name	Actual Value	Expected Value	Resul
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	274107514	274107514	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295	4290967295	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-275.019989	-275.019989 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-275.019989	-275.019989 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1316564736	1316564736	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295	4290967295	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-275.019989	-275.019989 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-275.019989	-275.019989 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1316564736	1316564736	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295	4290967295	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-275.019989	-275.019989 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-275.019989	-275.019989 ± 0.0009	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_Initialize_Cnt_M_lgc	1	1	
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_MaxOffset_HwDeg_M_f32	987.698975	987.698975	
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999	-1440.10999	•
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.79478073	7.79478073 ± 0.000009	•
VehDyn_SrlHwAgVldTimer_mS_M_u32	54083328	54083328	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.0820000023	0.0820000023 ± 0.004	
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	13.4100037	13.4099998 ± 0.1	•

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	-
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	<b>~</b>

Test Step 2.200 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	580.200012
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	76.1999969
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.1999998
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	97.1999969
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000907999987
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000907999987
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0

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VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	Input Value  1 138.100006 166.699997 19.5
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	138.100006 166.699997 19.5
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	166.699997 19.5
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	19.5
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	
	25.6000004
	10412
, =	3277
,	328928812
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, =	0.000407939993
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, _ ,	0
, =	138.100006
	196
	18.2000008
	96.4000015
	40437
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	13059
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	328928812
, = - = = =	1078320779
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.09998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.03999976e-005
	-1482.09998
, =	0.000907999987
,	1
, =	0
,	0
, =	0
,	707.700012
,	797.700012
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, , , , , , , , , , , , , , , , , , , ,	1287.68604
,	-517.590027
	3.20000005
	0.000456999987
	0.090999982
VehDyn_SLPHwPos_HwDeg_M_f32	298.690002
VehDyn_SrlHwAgVldTimer_mS_M_u32	110169728
k_HiSpdVDAuthority_Uls_f32	0.99000001
k_HwTqMgnThd_HwNm_f32	9.10000038
k_LoSpdVDAuthority_Uls_f32	1
k_SrlHwAgVldTiThd_mS_u32	1385
2-77	88.8700027
	34.2900009
	0.240799993
	1736795392
0 - 7	2075080192
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
	target_VehDyn_Per1_CcwEOT_HwDeg_f32
	target_VehDyn_Per1_CwEOT_HwDeg_f32
· · · · · · ·	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
	target_VenDyn_Per1_MotorvelCRF_MtrRadp5_t32 target_VenDyn_Per1_RelHwPos_HwDeg_f32
	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
	target_VehDyn_Per1_VehicleSpeed_Kph_f32
	-360
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-360 982.130005
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value	982.130005





Name	Input Value		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	298.690002		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.29999995		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	245		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812	328928812	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779	1078320779	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.09998	-1482.09998 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998	-1482.09998 ± 0.009	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2075080192	2075080192	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779	1078320779	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.09998	-1482.09998 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998	-1482.09998 ± 0.009	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	328928812	328928812	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779	1078320779	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.09998	-1482.09998 ± 0.009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998	-1482.09998 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	•
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	•
VehDyn_MaxOffset_HwDeg_M_f32	982.130005	982.130005	~
VehDyn_MinOffset_HwDeg_M_f32	-360	-360	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.19688082	3.19688082 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	110169728	110169728	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.99000001	0.99000001 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0	0 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.201 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	621.299988
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	86.3000031
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.3000002
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.3000031
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43128
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	43868
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	383750110
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.650024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000910000002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.650024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000910000002
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1

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Validay Laudicriticates   Just Piller Intelligency   1		
Valting Autoconforting Light International Civilians	Name	Input Value
Victory, Ausconsessing, M. as New John School, 1969.  Victory, Ausconsessing, M. as New John School, 1	VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VACOR, NALOCHISTICS, M. JERNÍNSKY, MERCEN, M. 1997 VACOR, NALOCHISTICS, M. JERNÍNSKY, MACEN, M. 1997 VACOR, NALOCHISTICS, M. JERNÍNSKY, M.	VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VACUP_AMACORESQU_M_SFERENT_CHAN_SES_ VACUP_AMA	VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VebOps AutoCreating of M. Schmidter Notes (15)	VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86.9000015
Victory_AutoCriticSept_U_m_TransTransEum_m_s16	VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	176
Validay in Autocrafts pd. M. Internit Three in m. 9.16 Validay in Autocraft Sept. M. Internit Three in m. 9.16 Validay in Autocraft Sept. M. Internit Three in S. 92 Validay in Autocraft Sept. M. Internit Three in Sept. M. Internit Three	VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3.0999999
Validay in Autocrafts pd. M. Internit Three in m. 9.16 Validay in Autocraft Sept. M. Internit Three in m. 9.16 Validay in Autocraft Sept. M. Internit Three in S. 92 Validay in Autocraft Sept. M. Internit Three in Sept. M. Internit Three	VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	86.4000015
VebDy_AutoChristops_M_air Times_Lines_Use2	VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	16683
Varbing AutocherHopd, M. of Innex _ 18, US2 Varbing AutocherHopd,	VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	22497
VanDum_AutoCommission_M. et alterNation_Mission_M. et alterNation_Mission_Mi		383750110
Verbilly Authorithistiquit M. art Rehlevioral 15 V. jaholog. ptr. 5V. julis, 202 Verbilly Authorithistiquit M. art Rehlevioral 15 V. jaholog. ptr. 5V. julis, 202 Verbilly Authorithistiquit M. art Rehlevioral 15 V. julis (ptr. 5V. julis, 202 Verbilly Authorithistiquit M. art Rehlevioral 15 V. julis (ptr. 5V. julis, 202 Verbilly Authorithistiquit M. art Rehlevioral 15 V. julis (ptr. 5V. julis, 202 Verbilly Authorithistiquit M. art Rehlevioral 15 V. julis (ptr. 5V. julis) 4 Verbilly Authorithistiquit M. art Rehlevioral 15 V. julis (ptr. 5V. julis) 4 Verbilly Authorithistiquit M. art Rehlevioral 15 V. julis (ptr. 5V. julis) 4 Verbilly Authorithistiquit M. art Rehlevioral 15 Verbilly Authorithistiquit M. art Rehleviora		2138628886
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Verbiny AutoChristisQuit M. pt First Friendisco (Critic)		
VehDyn AusChriftsgol, M. Er Fierschalbe, Crit. ye VehDyn AusChriftsgol, M. Er Fierschalbe, Dr. 12 VehDyn AusChriftsgol, M. Er Fierschalbe, M. 15 VehDyn AusChriftsgol, M. 15 VehD		
Verbing AusContribision M. stribinstrations (mt. lgs		
VenDry AutoChrist (Sept M. ser Filter Institutes (Cit Up: 1 VenDry AutoChrist (Sept M. ser Filter Institutes (Cit Up: 1 VenDry AutoChrist (Sept M. ser Miner Sept M. ser Miner Sept M. ser VenDry AutoChrist (Sept M. ser Miner Sept M. ser Miner Se		
Verbin, AusContinusced M, shiftwore Wirelands (22)		
Verbiny AutoContoSpd M, Mr More (Mr Mars) S 1/2   26,19997   16,200009   16,		
VehDyn_AusContesSpd_M_str_Neth_pti_neth_n2  VehDyn_AusContesSpd_M_str_Neth_n1 Neth_n3  VehDyn_AusContesSpd_M_str_Neth_n1 Neth_n3  VehDyn_AusContesSpd_M_str_Neth_n2  VehDyn_Neth_n2  VehD		
Vehitys   AutoContacSgot   M. p. Fillier True, In-Main   S2		
VerbDy_AutCottn(sSpd_M_st_TownFinesh_mS_U16   2291     VerbDy_AutCottn(sSpd_M_st_TownFinesh_mS_U16   2291     VerbDy_AutCottn(sSpd_M_st_TownFinesh_mS_U16   2291     VerbDy_AutCottn(sSpd_M_st_TownFinesh_mS_U16   2291     VerbDy_AutCottn(sSpd_M_st_TownFinesh_mS_U18   2138628888     VerbDy_AutCottn(sSpd_M_st_TownFinesh_mS_U18   2138628888     VerbDy_AutCottn(sSpd_M_st_TownFinesh_mS_U18   2138628888     VerbDy_AutCottn(sSpd_M_st_TownFinesh_mS_U18   22   753860024     VerbDy_AutCottn(sSpd_M_st_TownFinesh_mS_U18   22   773860024     VerbDy_AutCottn(		
VerbDyn_AutControSpd_M_str_NerdTheest_mS_u16   S8220		
VehDyn_AutoCintoSpd_M_str_TimexThreath_mS_uste		
Verbory, AutocriticsSpd. M. str. Timer J. Su. 22 Verbory, AutocriticsSpd. M. str. ReithVerbarilla V. Hvoleg, str. SV. Uls. fl. 2 Verbory, AutocriticsSpd. M. str. ReithVerbarilla V. Hvoleg, str. SV. Uls. fl. 2 Verbory, AutocriticsSpd. M. str. ReithVerbarilla V. Hvoleg, str. K. Uls. fl. 2 Verbory, AutocriticsSpd. M. str. ReithVerbarilla V. Hvoleg, str. K. Uls. fl. 2 Verbory, AutocriticsSpd. M. str. ReithVerbarilla V. Hvoleg, str. K. Uls. fl. 2 Verbory, AutocriticsSpd. M. str. ReithVerbarilla V. Hvoleg, str. K. Uls. fl. 2 Verbory, AutocriticsSpd. M. str. ReithVerbarilla V. Hvoleg, str. K. Uls. fl. 2 Verbory, AutocriticsSpd. M. str. ReithVerbarilla V. Hvoleg, str. K. Uls. fl. 2 Verbory, AutocriticsSpd. M. str. ReithVerbarilla V. Hvoleg, str. K. Uls. fl. 2 Verbory, AutocriticsSpd. M. str. ReithVerbarilla V. Hvoleg, str. K. Uls. fl. 2 Verbory, AutocriticsSpd. M. str. ReithVerbarilla V. Hvoleg, str. K. Uls. fl. 2 Verbory, AutocriticsSpd. M. str. ReithVerbarilla V. Hvoleg, str. K. Uls. fl. 2 Verbory, ForceCenterCriticsLed Crit. M. Ils. 9 Verbory, Institute, Crit. M. Ils. 9 Verbory, Institute, Crit. M. Ils. 9 Verbory, Institute, Crit. M. Ils. 9 Verbory, M. Michael, L. Hvoleg, M. Ils. 2 Verbory, M. Michael, Hvoleg, M. Ils. 2 Verbory, Institute, M. str. K. Uls. fl. 2 Verbory, Institute, M. str. K. Uls. fl. 2 Verbory, Institute, M. str. K. Uls. fl. 2 Verbory, St. Phwebs, Involve, M. str. K. Uls. fl. 2 Verbory, St. Phwebs, Involve, M. Ils. 2 Verbory, St. Phwebs, Involve, M.		
VerbDyn_AutoCriticSQf M_strEmer2_mS_u32		
VehDyn, AutoCritic Sopt, M. str. Rein-Wosalfist SV, HoDog, str. SV, Us., 192         753.650024           VehDyn, AutoCritic Sopt, M. str. Rein-Wosalfist SV, HoDog, str. SV, Us., 192         753.650024           VehDyn, AutoCritic Sopt, M. str. Rein-Wosalfist SV, HoDog, str. SV, Us., 192         000091000002           VehDyn, AutoCritic Sopt, M. str. Rein-Wosalfist SV, HoDog, str. SV, Us., 192         1           VehDyn, AutoCritic Sopt, M. str. Rein-Rein-Bell Crit. Igo         1           VehDyn, AutoCritic Sopt, M. str. Rein-Rein-Bell Crit. Igo         1           VehDyn, AutoCritic Sopt, M. str. Rein-Rein-Bell Crit. Igo         1           VehDyn, Flore Cerel Rein-Bell Crit. In M. Igo         1           VehDyn, Flore Cerel Rein-Bell Crit. In M. Igo         0           VehDyn, LoSpotl earn, Crit. M. Igo         0           VehDyn, Morfoset, HwDeg, M. 132         -122.67798           VehDyn, Morfoset, HwDeg, M. 132         -323.00998           VehDyn, Elym, M. Ison, W. Ison, M. Ison,		
VenDyn_AutoCriticOspd_M_str.ReiHwPosifitSV_HwDeg_str.K_Us_f32	VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886
VenDry_AutoCriticSpd_M_str_Rein+ProsPitI2SV_HWDeg_str_K_Uis_132	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.650024
VerbDyn_AutoCnitLoSpd_M_str_RiterFlenbile_Cnt_lgs	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.05999992e-005
VehDyn_AutoCntrLoSpd_M_str.FilterEnable_Cnt_lgc         0           VehDyn_AutoCntLoSpd_M_str.FilterEnable_Cnt_lgc         1           VehDyn_AutoCntLoSpd_M_str.FilterEnable_Cnt_lgc         1           VehDyn_ForceCenterEnable_Cnt_M_lgc         1           VehDyn_ForceCenterEnable_Cnt_M_lgc         0           VehDyn_ForceCenterOffset_HADeg_M_IG2         897.60985           VehDyn_HSpd_Learn_Cnt_M_lgc         0           VehDyn_HSpd_Learn_Cnt_M_lgc         1           VehDyn_LoSpd_Learn_Cnt_M_lgc         0           VehDyn_MnOffset_HADeg_M_IG2         -122.67788           VehDyn_Mnoffset_HADeg_M_IG2         -524.309988           VehDyn_FirtySV_M_str.K_U lls_IG2         -00000071           VehDyn_FirtySV_M_str.K_U lls_IG2         -00000071           VehDyn_FirtySV_M_str.K_U lls_IG2         -00000071           VehDyn_StPHwauth_U lls_M_IG2         -00000071           VehDyn_StPHwauth_U lls_M_IG2         -000000071           VehDyn_StPHWauth_U lls_IG2         -000000071           VehDyn_StPHWauth_U lls_IG2         -000000071           VehDyn_StPHWauth_U lls_IG2         -000000000000000000000000000000000000	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.650024
VehDyn_AutoCnttLoSpd_M_str.Filter2Enable_Cnt_lgc         1           VehDyn_AutoCnttLoSpd_M_str.Filter1initalized_Cnt_lgc         1           VehDyn_ForceCentecTinise_Hobg_M_str.Zilter2initalized_Cnt_lgc         1           VehDyn_ForceCentecTinise_Hobg_M_str.Zilter2initalized_Cnt_lgc         1           VehDyn_ForceCentecTinise_Hobg_M_str.Zilter2initalized_Cnt_lgc         0           VehDyn_Hispd_Learn_Cnt_M_lgc         0           VehDyn_Hispd_Learn_Cnt_M_lgc         1           VehDyn_MaxOffiset_Hobg_M_str.Zilter2initalized_Cnt_M_lgc         0           VehDyn_MaxOffiset_Hobg_M_str.Zilter2initalized_Cnt_M_lgc         1           VehDyn_MaxOffiset_Hobg_M_str.Zilter2initalized_Cnt_M_lgc         -1292.67788           VehDyn_MaxOffiset_Hobg_M_str.Zilter2initalized_Cnt_M_lgc         -1292.67788           VehDyn_MincHel_Hobg_M_str.Zilter2initalized_Cnt_M_lgc         -54.000001           VehDyn_MincHel_Hobg_M_str.Zilter2initalized_Cnt_M_lgc         -54.000001           VehDyn_Str.PitwPos_IntReg_M_str.Zilter_2initalized_Cnt_M_lgc         -10.0000001           VehDyn_Str.PitwPos_IntReg_M_str.Zilter_2initalized_Cnt_M_lgc         0.10000001           VehDyn_Str.Zilter_MaxWidTimer_ms_M_u2         824746752           K_Hispa(VDAuthority_Us_1_st_2         0.889999986           K_LoseQuDauthority_Us_1_st_2         0.889999986           K_LoseQuDauthority_Us_1_st_2         0	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000910000002
VehDyn_AutoCntLoSpd_M_str-Riter2initalized_Cnt_lgc         1           VehDyn_ForceCenterCnised_Cnt_M_lgc         1           VehDyn_ForceCenterCnised_Cnt_M_lgc         897.609985           VehDyn_HorseCenterCnised_Cnt_M_lgc         0           VehDyn_HorseCenterCnised_HoDeg_M_I32         897.609985           VehDyn_LoSpot_carm_Cnt_M_lgc         1           VehDyn_LoSpot_carm_Cnt_M_lgc         1           VehDyn_MorDiset_MODeg_M_I32         -1292.67798           VehDyn_MinorDiset_MODeg_M_I32         -524.309998           VehDyn_MinorDiset_MODeg_M_I32         -524.309998           VehDyn_PinTrqSV_M_sir K_Uls_I32         -54000001           VehDyn_SIPHWAUT_Uls_M_IS_I32         -000457999995           VehDyn_SIPHWAUT_Uls_M_IS_I32         0.100000001           VehDyn_SIPHWAUT_Uls_M_IS_I32         824746752           VehDyn_SIPHWAUT_Uls_IS_I32         0.89999988           K_HSVTOVAINORY_Uls_IS_I32         0.899999989           K_HSVTOVAINORY_Uls_IS_IS_IS_IS_IS_IS_IS_IS_IS_IS_IS_IS_IS_	VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntLoSpd_M_str_Fiter2Initialized_Cnt_lgc	VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_ForceCenterCfiset, HwDeg_M_f32         87.609985           VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         1           VehDyn_Initialize_Cnt_M_lgc         1           VehDyn_LoSpdLeamL_Cnt_M_lgc         0           VehDyn_MonOffset_HwDeg_M_f32         -1.292.67798           VehDyn_MinOffset_HwDeg_M_f32         -524.309998           VehDyn_PinTrqsV_M_str.K_UIs_f32         0.000457999995           VehDyn_PinTrqsV_M_str.K_UIs_f32         0.000457999995           VehDyn_SLPHwaluf_UIs_M_f32         0.100000001           VehDyn_SLPHwaluf_UIs_M_f32         0.100000001           VehDyn_SLPHwaluf_UIs_M_f32         0.89999986           VehDyn_SLPHwaluf_UIS_f32         0.889999986           VehDyn_StrHwAgVIdTimer_mS_M_u32         822748752           K_HisqwDAAuthonty_UIS_f32         0.889999866           K_LospdVDAuthonty_UIS_f32         0.889999986           K_LospdVDAuthonty_UIS_f32         0.14           K_SriHwAgVIdTiThd_mS_u32         7.44           K_SriHwAgVIdTimE_mS_u32         7.44           K_SriHwAgVIdTimE_mS_u32_ElapsedTime         945402432           K_TraveiXCheadband_UIS_f32         0.242025003           K_TraveiXCheadband_UIS_f32         0.242025003           target_Rile_Inst_AD_VehDyn_	VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32         897.609985           VehDyn_HiSpdLeamt_Cnt_M_lgo         1           VehDyn_LisSpdLeamt_Cnt_M_lgo         0           VehDyn_LisSpdLeamt_Cnt_M_lgo         0           VehDyn_MaxOffset_HwDeg_M_f32         -1292.87798           VehDyn_MinOffset_HwDeg_M_f32         -524.309988           VehDyn_PinTrqSV_M_str K_US_US_2         -5.4000001           VehDyn_PinTrqSV_M_str K_US_US_2         0.00045799995           VehDyn_SLPHwButh_UIs_M_f32         0.100000001           VehDyn_SLPHwBog_HwDeg_M_f32         388.950012           VehDyn_SLPHwBog_HwDeg_M_f32         0.889999986           VehDyn_SLPHwBog_HwDeg_M_f32         0.889999986           K_HWTQMpTNd_HwNm_f32         0.889999986           K_HWTQMpTNd_HwNm_f32         0.94200000000000000000000000000000000000	VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HispdLeamt_Cnt_M_lgc         0           VehDyn_Linkalize_Cnt_M_lgc         1           VehDyn_LosDcLeamt_Cnt_M_lgc         0           VehDyn_LosDcLeamt_Cnt_M_lgc         0           VehDyn_MinOffset_HwDeg_M_f32         -1292_67798           VehDyn_PinTragsV_M_str.SV_Uls_f32         -524_309998           VehDyn_PinTragsV_M_str.SV_Uls_f32         -54,0000001           VehDyn_PinTragsV_M_str.SV_Uls_f32         0.0004673999995           VehDyn_SLPHwatut_Uls_M_f32         0.100000001           VehDyn_SLPHwatut_Uls_M_f32         0.100000001           VehDyn_SLPHwatut_Uls_M_f32         882746752           VehDyn_SHHwAgVidTimer_mS_M_u32         824746752           K_HSdVDAMbority_Uls_f32         0.889999986           K_LoSpdVDAuthority_Uls_f32         0.889999997           K_LoSpdVDAuthority_Uls_f32         0.11999997           K_LoSpdVDAuthority_Uls_f32         744           K_SyskinRalio_MtrDegpHwDeg_f32         75.8700027           K_TravelXCDeadbaut_Uls_f32         75.8700027           K_TravelXCDeadbaut_Uls_f32         0.242025003           Larget_RE_Osla_N_vehDyn_Nerb_m_perf_cweEd_fine_mS_u32_CurrentTime         954802432           target_RE_Call_A_VehDyn_NsystemTime_DitmnElapsedTime_mS_u32_ElapsedTi         2075080192           target_RE_losl_A_VehDyn_Nerb_mPe	VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_Initialize_Cn_M_igc         1           VehDyn_LoSpdLeamt_Cnt_M_igc         0           VehDyn_Mscribet_HwDeg_M_ig2         -1292.67798           VehDyn_MinOffset_HwDeg_M_ig2         -524.309998           VehDyn_PinTrqSV_M_str.K_U_ils_1g2         -540000001           VehDyn_PinTrqSV_M_str.K_U_ils_2g2         0.000467999995           VehDyn_SLPHwAuth_Uls_M_ig2         0.000467999995           VehDyn_SLPHwAuth_Uls_M_ig2         0.000467999995           VehDyn_SLPHwAuth_Uls_M_ig2         0.000467999995           VehDyn_SLPHwAuth_Uls_M_ig2         0.00000001           VehDyn_SLPHwAuth_Uls_Ig_3g2         0.00000001           K_HSpdVDAuthority_Uls_ig32         0.889999966           K_HWingdyITITInd_mS_uls_2         0.119999997           K_SyskinRatio_MinDeghtwDeg_ig32         744           K_SyskinRatio_MinDeghtwDeg_ig32         744           K_TraveKXCHeadond_Uls_ig32         0.240025003           K_TraveKXCHeadond_Uls_ig32         0.240025003           Larget_Rile_Call_Ap_vehDyn_SystemTime_         94320432           Larget_Rile_Call_Ap_vehDyn_SystemTime_         9432_CurrentTime           Larget_Rile_Call_Ap_vehDyn_NehDyn_Per_LowEOT_HwDeg_ig2         Larget_VehDyn_Per_LowEOT_HwDeg_ig2           Larget_Rile_Inst_Ap_vehDyn_NehDyn_Per_LowEOT_HwDeg_ig2         Larget_VehDyn_Per_LowEOT_HwDeg_ig	VehDyn_ForceCenterOffset_HwDeg_M_f32	897.609985
VehDyn_LoSpdLearnt_Cn_M_lgc         0           VehDyn_MaxOffset_HWoeg_M_f32         -1292.67798           VehDyn_Mnorfset_HWoeg_M_f32         -524.309998           VehDyn_PinTrqSV_M_str.SV_Uis_f32         -54000001           VehDyn_PinTrqSV_M_str.SV_Uis_f32         0.000457999995           VehDyn_SLPHwAuth_Uis_M_f32         0.100000001           VehDyn_SLPHwAuth_Uis_M_f32         0.1000000001           VehDyn_SLPHwAuth_Uis_M_f32         824746752           VehDyn_SthwAgVidTimer_mS_M_u32         824746752           K_HSpdVDAuthority_Uis_f32         0.889999986           K_HSpdVDAuthority_Uis_f32         0.889999986           K_HSpdVDAuthority_Uis_f32         0.119999997           K_LOSpdVDAuthority_Uis_f32         0.19999997           K_SyskinRatio_MirDepthvDeg_f32         744           K_SyskinRatio_MirDepthvDeg_f32         75.8700027           K_TravelXCHwAuthority_Uis_f32         38.8600006           K_TravelXCHwAuthority_Uis_f32         9.242025003           Larget_Rel_Call_Ap_VehDyn_SystemTime_OtromElapsedTime_mS_u32_CurrentTime         954302432           Larget_Rel_Call_Ap_VehDyn_SystemTime_OtromElapsedTime_mS_u32_CurrentTime         964302432           Larget_Rel_nis_Ap_VehDyn_Perl_CwEOT_HwDeg_f32         target_VehDyn_Perl_CwEOT_HwDeg_f32           Larget_Rel_ins_Ap_VehDyn_NehDyn_Perl_NewThorq	VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         -1292.67798           VehDyn_MinTrigst_M_lsr_St_M_str_St_Ulls_f32         -524.309998           VehDyn_PinTrigsV_M_str_St_Ulls_f32         5.4000001           VehDyn_PinTrigsV_M_str_K_ulls_f32         0.000457999995           VehDyn_SLPHwAuth_ulls_M_f62         0.100000001           VehDyn_SLPHwFos_HwDeg_M_f32         38.950012           VehDyn_StrHwAgVIdTimer_mS_M_u32         824746752           k_HSpdVDAuthority_Ulls_f32         0.889999866           k_HTRJMgmThd_HwIm_f32         0.119999997           k_LoSpdVDAuthority_Ulls_f32         0           k_SyskinRatio_MtrDeptHwDeg_f32         744           k_SyskinRatio_MtrDeptHwDeg_f32         75.8700027           k_TraveRDCadaband_Ulls_f32         38.8600006           k_TraveRDCadaband_Ulls_f32         38.8600006           k_TraveRDCadaband_Ulls_f32         38.8600006           k_TraveRDCadaband_Ulls_f02         38.9400006           k_TraveRDCadaband_Ulls_f02         38.9400006           k_TraveRDCADaband_Ulls_f02         48.9400006           k_TraveRDCADaband_Ulls_f02         48.9400006           k_TraveRDCADaband_Ulls_f02         48.9400006           k_TraveRDCADaband_Ulls_f02         48.9400006		1
VehDyn_MaxOffset_HwDeg_M_f32		0
VehDyn_MinOffset_HwDeg_M_f32         524.309998           VehDyn_PinTrqSV_M_str.SV_Uls_f32         5.4000001           VehDyn_PinTrqSV_M_str.SV_Uls_f32         0.0004579999955           VehDyn_SLPHwAuth_Uls_M_f32         0.100000001           VehDyn_SHPHwRos_HwDeg_M_f32         308.950012           VehDyn_SHPHwRos_HwDeg_M_f32         824746752           k_HiSpdVDAuthority_Uls_f32         0.889999886           k_HiSpdVDAuthority_Uls_f32         0.119999997           k_LoSpdVDAuthority_Uls_f32         0.119999997           k_SyskinRatio_MirDegpHwDeg_f32         744           k_SyskinRatio_MirDegpHwDeg_f32         75.8700027           k_TraveXCDeadband_Uls_f32         35.8600006           k_TraveXCHwAuthority_Uls_f32         0.242025003           target_DimmElapsedTime_mS_u32_ElapsedTime         437401088           target_DimmElapsedTime_mS_u32_CurrentTime         95402432           target_Re_lal_N_VehDyn_SystemTime_DetrimElapsedTime_mS_u32_CurrentTime         2075000192           target_Re_lal_N_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         24746752           target_Re_lal_N_VehDyn_NehDyn_Perl_CwEOT_HwDeg_f32         target_VehDyn_Perl_CwEOT_HwDeg_f32           target_Re_lal_N_A_VehDyn_NehDyn_Perl_CwEOT_HwDeg_f32         target_VehDyn_Perl_MRRAPS_f32           target_Re_lal_N_A_VehDyn_NehDyn_Perl_SensoriessAturbority_Uls_f32<		-1292.67798
VehDyn_PinTrqSV_M_str.SV_Uls_f32         -5.4000001           VehDyn_StrHwAuth_Uls_MR f32         0.000457999995           VehDyn_SLPHwAuth_Uls_MR f32         0.1000000001           VehDyn_SLPHwPos_HwDeg_M_f32         308.950012           VehDyn_StHHwAgVidTimer_mS_M_u32         824746752           k_HSpdVDAuthority_Uls_f32         0.88999986           k_HWTQMgnThd_HwNm_f32         0.119999997           k_LoSpdVDAuthority_Uls_f32         0           k_SriHwAgVidTiThd_mS_u32         744           k_SoysKinRatio_MitrDegpHwDeg_f32         75.8700027           k_TraveIXCDeadband_Uls_f32         35.8600006           k_TraveIXCHwAuthority_Uls_f32         0.242025003           target_DmmElapsedTime_mS_u32_CurrentTime         9434740108           target_Re_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_ElapsedTime         282746752           target_Re_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         824746752           target_Re_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         824746752           target_Re_lnst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Re_lnst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Re_lnst_Ap_VehDyn_VehDyn_Per1_SensoriessAtubronity_Uls_f32         target_VehDyn_Per1_MotorVeICRF_MirRadpS_f32	,	
VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000457999995           VehDyn_SLPHwAult_Uls_M_f32         0.100000001           VehDyn_SLPHwPos_HwDeg_M_f32         308.950012           VehDyn_StPHwPos_HwDeg_M_f32         824746752           VehDyn_StPHwPos_HwDeg_M_g         0.889999986           k_HispdVDAuthority_Uls_f32         0.119999997           k_LoSpdVDAuthority_Uls_f32         0           k_SysKinRato_MtrDegHwDeg_f32         75.8700027           k_SysKinRato_MtrDegHwDeg_f32         75.8700027           k_TravelXCDeadband_Uls_f32         35.8600006           k_TravelXCDeadband_Uls_f32         0.242025003           larget_DtmmElapsedTime_mS_u32_ElapsedTime         3437401088           larget_DtmmElapsedTime_mS_u32_CurrentTime         954802432           larget_Ret_Call_AD_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi         824746752           larget_Ret_Call_AD_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         824746752           larget_Ret_lnst_AD_VehDyn_VehDyn_Perl_CwEOT_HwDeg_f32         target_VehDyn_Perl_CwEOT_HwDeg_f32           larget_Ret_Inst_AD_VehDyn_VehDyn_Perl_OwEOT_HwDeg_f32         target_VehDyn_Perl_CwEOT_HwDeg_f32           larget_Ret_Inst_AD_VehDyn_VehDyn_Perl_SensoriessAuthority_Uls_f32         target_VehDyn_Perl_MotorVeiCRR_MtrRadps_f32           larget_Ret_Inst_AD_VehDyn_VehDyn_Perl_SensoriessAuthority_Uls_f32         target		
VehDyn_SLPHw2bg_Mf32         0.100000001           VehDyn_SLPHwPos_MbDeg_Mf32         308.950012           VehDyn_SrlHwAgyldTimer_mS_M_u32         824746752           K_HiSpdVDAuthority_Uls_f32         0.88999986           K_HwTqMgnThd_HwNm_f32         0.119999997           K_LoSpdVDAuthority_Uls_f32         0           K_SrlHwAgyldTiThd_ms_u32         744           K_SysKinRatio_MtrDegpHwDeg_f32         75.8700027           K_TravelXCDeadband_Uls_f32         35.8600006           K_TravelXCHwAuthority_Uls_f32         0.242025003           target_REQ_GetSystemTime_mS_u32_CurrentTime         954802432           target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_CurrentTime         954802432           target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         824746752           target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         954802432           target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         824746752           target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CowEOT_HwDeg_f32         target_VehDyn_Per1_HwDeg_f32           target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_HwTorque_HwNm_f32           target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32         target_VehDyn_Per1_HwTorque_HwNm_f32         target_VehDyn_Per1_Morque_HwNm_f32           target		
VehDyn_StH-wAgyldTimer_m5_M_u32         308.950012           VehDyn_StH-wAgyldTimer_m5_M_u32         824746752           k_HiSpdVDAuthority_Uls_f32         0.88999986           k_HwTqMgnThd_HwNm_f32         0.119999997           k_LoSpdVDAuthority_Uls_f32         0           k_SrikwAgyldTiThd_mS_u32         744           k_SyskinRatio_MtrDegpHwDeg_f32         75.8700027           k_TravelXCDeadband_Uls_f32         35.8600006           k_TravelXCHwAuthority_Uls_f32         35.8600006           k_TravelXCHwAuthority_Uls_f32         3437401088           target_DtmmElapsedTime_mS_u32_CurrentTime         3437401088           target_Rec_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_CurrentTime         954802432           target_Ret_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_CurrentTime         824746752           target_Ret_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Ret_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Ret_Inst_Ap_VehDyn.VehDyn_Per1_MotorvelCRF_MtrRadpS_f32         target_VehDyn_Per1_MotorvelCRF_MtrRadpS_f32         target_VehDyn_Per1_MotorvelCRF_MtrRadpS_f32           target_Ret_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uls_f32         target_VehDyn_Per1_SensoriessAuthority_Uls_f32         target_VehDyn_Per1_SensoriessHwPos_HwDeg_f32         target_VehDyn_Per1_Senso		
VehDyn_SriHwAgVidTimer_mS_M_u32         824746752           k_HistpdVDAuthority_Uls_f32         0.889999996           k_LbSpdVDAuthority_Uls_f32         0.119999997           k_CoSpdVDAuthority_Uls_f32         0           k_SriHwAgVidTiThd_mS_u32         744           k_SysKinRatio_MtrDepptHwDeg_f32         75.8700027           k_TraveIXCDeadband_Uls_f32         35.8600006           k_TraveIXCHWAUthority_Uls_f32         0.242025003           target_DtmmElapsedTime_mS_u32_ElapsedTime         3437401088           target_Rte_Call_Ap_VehDyn_SystemTime_DtmmElapsedTime_mS_u32_ElapsedTime         2954802432           target_Rte_Call_Ap_VehDyn_SystemTime_DtmmElapsedTime_mS_u32_CurrentTime         2824746752           target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         2824746752           target_Rte_Inst_Ap_VehDyn_Per1_CxeEOT_HwDeg_f32         target_VehDyn_Per1_CxeEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CxeEOT_HwDeg_f32         target_VehDyn_Per1_CxeEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uls_f32         target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uls_f32         target_VehDyn_Per1_SensoriessAuthority_Uls_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uls_f32         target_VehDyn_Per1_SiHwAg_HwDeg_f32           target_Rte_Inst_Ap_V		
k_HiSpdVDAuthority_Uls_f32         0.889999986           k_LoSpdVDAuthority_Uls_f32         0.119999997           k_LoSpdVDAuthority_Uls_f32         0           k_SriHwAgVidTiThd_mS_u32         744           k_SysKinRatio_MtrDegpHwDeg_f32         75.8700027           k_TraveIXCDeadband_Uls_f32         35.8600006           k_TraveIXCHWAuthority_Uls_f32         0.242025003           target_DtrnnElapsedTime_mS_u32_ElapsedTime         3437401088           target_Rte_Call_Ap_VehDyn_SystemTime_DtrnnElapsedTime_mS_u32_ElapsedTime         954802432           target_Rte_Call_Ap_VehDyn_SystemTime_DtrnnElapsedTime_mS_u32_CurrentTime         824746752           target_Rte_lnst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CowEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32         target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32         target_VehDyn_Per1_RelHwPos_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32         target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32         target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32         target_V		
k_HwTqMgnThd_HwNm_f32         0.119999997           k_LoSpdVDAuthority_UIs_f32         0           k_SrlHwAgVldTThd_mS_u32         744           k_SysKinRatio_MtrDepHwDeg_f32         75.8700027           k_TraveIXCDeadband_UIs_f32         35.8600006           k_TraveIXCHwAuthority_UIs_f32         0.242025003           target_DtrmnElapsedTime_mS_u32_CurrentTime         3437401088           target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime         2975080192           target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_CurrentTime         824746752           target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32         target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32         target_VehDyn_Per1_RelHwPos_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32         target_VehDyn_Per1_SensorlessAuthority_UIs_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32         target_VehDyn_Per1_SensorlessAuthority_UIs_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32         target_VehDyn_Per1_SensorlessAuthority_UIs_f32           target_Rte_Ins	,	
k_LoSpdVDAuthority_UIs_f32  k_SriHwAgVIdTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32 k_TravelXCDeadband_UIs_f32 k_TravelXCDeadband_UIs_f32 k_TravelXCHwAuthority_UIs_f32  target_DtrmnElapsedTime_mS_u32_ElapsedTime 3437401088  target_GetSystemTime_mS_u32_CurrentTime 454802432  target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_		
k_SriHwAgVidTiThd_mS_u32 k_SyskinRatio_MtrDegpHwDeg_f32 k_TraveIXCDeadband_Ulls_f32 s_5860006 k_TraveIXCHwAuthority_Uls_f32 darget_DtmnElapsedTime_mS_u32_ElapsedTime 3437401088 darget_GetSystemTime_mS_u32_CurrentTime 3437401088 darget_Rte_Call_Ap_VehDyn_SystemTime_DtmnElapsedTime_mS_u32_ElapsedTime 3437401088 darget_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime darget_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime darget_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 darget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 darget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 darget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 darget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 darget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 darget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 darget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 darget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 darget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 darget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 darget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 darget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 darget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 darget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SirlHwAgVId_Cnt_lgc darget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SirlHwAgVId_Cnt_lgc darget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SirlHwAg_HwDeg_f32 darget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc darget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 darget_VehDyn_Per1_VehicleSpeed_Kph_f32 darget_VehDyn_Per1_VehicleSpeed_Kph_f32 darget_VehDyn_Per1_VehicleSpeed_Kph_f32 darget_VehDyn_Per1_VehicleSpeed_Kph_f32 darget_VehDyn_Per1_VehicleSpeed_Kph_f32 darget_VehDyn_Per1_VehicleSpeed_Kph_f32 darget_VehDyn_Per1_VehicleSpeed_Kph_f32 darget_VehDyn_Per1_VehicleSpeed_Kph_f32		
k_SyskinRatio_MtrDegpHwDeg_f32 k_TravelXCDeadband_Uls_f32 k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32 target_DtrnnElapsedTime_mS_u32_ElapsedTime 3437401088 target_GetSystemTime_mS_u32_CurrentTime 954802432 target_Rte_Call_Ap_VehDyn_SystemTime_DtrnnElapsedTime_mS_u32_ElapsedTi target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Lost_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SriHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SriHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SriHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Velid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32		
k_TravelXCDeadband_Uls_f32 35.8600006 k_TravelXCHwAuthority_Uls_f32 0.242025003 target_DtrmnElapsedTime_mS_u32_ElapsedTime 3437401088 target_GetSystemTime_mS_u32_CurrentTime 954802432 target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime target_Rte_Call_Ap_VehDyn_SystemTime_mS_u32_CurrentTime 2075080192 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SriHwAgVId_Cnt_lgc target_VehDyn_Per1_SriHwAgVId_Cnt_lgc target_VehDyn_Per1_SriHwAgVId_Cnt_lgc target_VehDyn_Per1_SriHwAg_HwDeg_f32 target_VehDyn_Per1_SriHwAg_HwDeg_f32 target_VehDyn_Per1_SriHwAg_HwDeg_f32 target_VehDyn_Per1_SriHwAg_HwDeg_f32 target_VehDyn_Per1_SriHwAg_HwDeg_f32 target_VehDyn_Per1_SriHwAg_HwDeg_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.target_VehDyn_Per1_VehicleSpe		
k_TravelXCHwAuthority_Uls_f32  target_DtrmnElapsedTime_mS_u32_ElapsedTime  3437401088  target_GetSystemTime_mS_u32_CurrentTime  954802432  target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_getSystemTime_DtrmnElapsedTime_mS_u32_CurrentTime  target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MTOrque_HwNm_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVid_Cnt_lgc  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVid_Cnt_Igc  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32  target_VehDyn_Per1_SrlHwAg_HwDeg_f32  target_VehDyn_Per1_SrlHwAg_HwDeg_f32  target_VehDyn_Per1_SrlHwAg_HwDeg_f32  target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32		
target_DtrmnElapsedTime_mS_u32_ElapsedTime  target_GetSystemTime_mS_u32_CurrentTime  target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi  target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_LwTorque_HwNm_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVid_Cnt_lgc  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVid_Cnt_lgc  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32		
target_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTitarget_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	target_DtrmnElapsedTime_mS_u32_ElapsedTime	3437401088
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	target_GetSystemTime_mS_u32_CurrentTime	954802432
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32	$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_ElapseDTime\_mS\_u33\_ElapseD$	2075080192
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32	$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	824746752
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc  target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value	target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value	target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc  target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32  target_VehDyn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32 -1242.25		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -1242.25		· - · - · ·
		-1242.25 976.560974
· - · ·		
target_VehDyn_Per1_HwTorque_HwNm_f32.value -3.75	angot_vonDyn_ren_nwroique_nwivin_ioz.value	**************************************





Name	Input Value		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	245.300003		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-753.650024		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	308.950012		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	123.330002		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	383750110	383750110	✓
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886	2138628886	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.650024	-753.650024 ± 0.0009	✓
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.650024	-753.650024 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	954802432	954802432	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886	2138628886	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.650024	-753.650024 ± 0.0009	✓
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.650024	-753.650024 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	954802432	954802432	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886	2138628886	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.650024	-753.650024 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.650024	-753.650024 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_MaxOffset_HwDeg_M_f32	-1292.67798	-1292.67798	~
VehDyn_MinOffset_HwDeg_M_f32	-488.599976	-488.600006	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.39921045	-5.39921045 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	824746752	824746752	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	~

Test Step Call Trace			<b>✓</b>	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.202 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	457.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	96.0999985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.0999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	42.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53759
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892860
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.450012

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000912000018
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.450012
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000912000018
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	44.0999985
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	186.600006
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.0999999
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	56.2099991
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	5235
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892860
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	456.450012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000712000008
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.450012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000415999995
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	44.2000008
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	216.199997
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.399996
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	78.1999969
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892860
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.450012
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.08000007e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.450012
	0.000912000018
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0
	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	
VehDyn_ForceCenterOffset_HwDeg_M_f32	997.52002
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn Initialize Cnt M Igc	0
VehDyn LoSpdLearnt Cnt M Igc	1
	1297.67004
VehDyn_MaxOffset_HwDeg_M_f32	1-2-7-1-2-7
VehDyn_MinOffset_HwDeg_M_f32	-531.030029
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.5999999
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000459000003
VehDyn_SLPHwAuth_Uls_M_f32	0.108999997
VehDyn_SLPHwPos_HwDeg_M_f32	319.209991
VehDyn_SrlHwAgVldTimer_mS_M_u32	401380224
k_HiSpdVDAuthority_Uls_f32	0.75999999
k_HwTqMgnThd_HwNm_f32	5.44999981
k_LoSpdVDAuthority_UIs_f32	1
k_SrlHwAgVldTiThd_mS_u32	700
k_SysKinRatio_MtrDegpHwDeg_f32	97.4499969
k TravelXCDeadband Uls f32	37.4300003
k TravelXCHwAuthority Uls f32	0.243249997
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3494315776
target_GetSystemTime_mS_u32_CurrentTime	2728878080
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi	954802432
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleS	Speed Kph f32	
target VehDyn Per1 CcwEOT HwDeg f32.value	-423.190002	·F	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	970.992004		
target VehDyn Per1 HwTorque HwNm f32.value	-3.8599999		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1023.04999		
target VehDyn Per1 RelHwPos HwDeg f32.value	456.450012		
target VehDyn Per1 SrlHwAgVld Cnt lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	319.209991		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	56		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1	1	
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2138628886	2138628886	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892860	2345892860	·
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	456.450012	456.450012 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.450012	456.450012 ± 0.0009	·
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2728878080	2728878080	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892860	2345892860	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.450012	456.450012 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.450012	456.450012 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886	2138628886	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892860	2345892860	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.450012	456.450012 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.450012	456.450012 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	970.992004	970.992004	~
VehDyn_MinOffset_HwDeg_M_f32	-423.190002	-423.190002	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.59471798	7.59471798 ± 0.000009	<b>✓</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	401380224	401380224	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.75999999	0.75999999 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0	0 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.203 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	498.600006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.599998
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.5999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	12.6000004
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	13059
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892860

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	969.01001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000913999975
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	969.01001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000913999975
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	96.599985
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	196.699997
VehDyn_AutoCottrHiSpd_M_str.FiltPinTrq_HwNm_f32	9.60000038 54
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	40437
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	13059
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	2345892860
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	969.01001
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000714000023
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	969.01001
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000419999997
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	96.3000031
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	226.300003
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.30000019
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.3000031
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892860
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	969.01001
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.10000022e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	969.01001
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000913999975
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0 1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn ForceCenterOffset HwDeg M f32	1097.43005
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn LoSpdLearnt Cnt M Igc	0
VehDyn_MaxOffset_HwDeg_M_f32	-3.5999999
VehDyn_MinOffset_HwDeg_M_f32	7.80000019
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.5
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00046000001
VehDyn_SLPHwAuth_Uls_M_f32	0.118000001
VehDyn_SLPHwPos_HwDeg_M_f32	329.470001
VehDyn_SrlHwAgVldTimer_mS_M_u32	1748130048
k_HiSpdVDAuthority_UIs_f32	0.340000004
k_HwTqMgnThd_HwNm_f32	6.32000017
k_LoSpdVDAuthority_Uls_f32	0
k_SrlHwAgVldTiThd_mS_u32	701
k_SysKinRatio_MtrDegpHwDeg_f32	86.6999969
k_TravelXCDeadband_Uls_f32	39
k_TravelXCHwAuthority_Uls_f32	0.244475007
target_DtrmnElapsedTime_mS_u32_ElapsedTime	463842816
target_GetSystemTime_mS_u32_CurrentTime	824746752
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
torset Dte Inst An VohDun VohDun Derf CurECT Hurber 199	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVeiCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueC	mdCRF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleS	peedValid_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleS	peed_Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-430.910004		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	965.422974		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-3.97000003		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-147		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	969.01001		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	329.470001		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	42.2200012		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1	1	-
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892860	2345892860	•
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	2553156835	2553156835	-
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	969.01001	969.01001 ± 0.0009	•
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	969.01001	969.01001 ± 0.0009	-
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	824746752	824746752	•
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	2553156835	2553156835	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	969.01001	969.01001 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	969.01001	969.01001 ± 0.0009	-
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	0	0	•
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt lgc	1	1	•
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	824746752	824746752	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835	2553156835	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	969.01001	969.01001 ± 0.0009	<b>✓</b>
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	969.01001	969.01001 ± 0.0009	-
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	-
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1	1	-
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn Initialize Cnt M Igc	1	1	-
VehDyn LoSpdLearnt Cnt M Igc	0	0	<b>✓</b>
VehDyn MaxOffset HwDeg M f32	-3.5999999	-3.5999999	-
VehDyn MinOffset HwDeg M f32	7.80000019	7.80000019	•
VehDyn PinTrqSV M str.SV UIs f32	1,49745774	1.49745786 ± 0.000009	•
VehDyn_SrlHwAgVldTimer_mS_M_u32	1748130048	1748130048	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-128.420044	-128.419998 ± 0.1	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.204 (Repeat Count = 1)		*
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime	
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	9.5	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	226.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.5	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	53.5
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21364
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1397.33997
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00091599999
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1397.33997
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00091599999
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	
VehDyn_AutoCntrlHiSpd_M_str.MtrVel_MtrRadpS_f32	100.400002 206.100006
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7.099999
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	85.599985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
	2760420809
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1397.33997
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.Sv_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00071599998
VehDyn AutoCntrHiSpd M str.ReiHwPosFilt1SV_HwDeg_str.K_Uis_t32  VehDyn AutoCntrHiSpd M str.ReiHwPosFilt2SV HwDeg str.SV UIs f32	-1397.33997
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000423999998
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	100.400002
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	236.5
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.30000019
VehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	32.4000015
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	20423
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	31368
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1397.33997
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.11999965e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1397.33997
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.00091599999
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn ForceCenterEnabled Cnt M Igc	0
VehDyn ForceCenterOffset HwDeg M f32	1197.33997
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn Initialize Cnt M Igc	1
VehDyn LoSpdLearnt Cnt M Igc	1
VehDyn MaxOffset HwDeg M f32	-2840
VehDyn_MinOffset_HwDeg_M_f32	-544.469971
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1.60000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000460999989
VehDyn_SLPHwAuth_Uls_M_f32	0.127000004
VehDyn_SLPHwPos_HwDeg_M_f32	339.730011
VehDyn_SrlHwAgVldTimer_mS_M_u32	89
k_HiSpdVDAuthority_UIs_f32	0
k HwTqMgnThd HwNm f32	
k LoSpdVDAuthority UIs f32	1
k_SrlHwAgVldTiThd_mS_u32	702
k_SysKinRatio_MtrDegpHwDeg_f32	96.5
k_TravelXCDeadband_Uls_f32	40.5699997
k_TravelXCHwAuthority_Uls_f32	0.245700002
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1759885568
target_GetSystemTime_mS_u32_CurrentTime	309385728
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_Elapsed	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
5	target VehDyn Per1 CcwEOT HwDeg f32
target Rte Inst Ap VehDyn.VehDvn Per1 CcwEOT HwDea f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target VehDyn Per1 CwEOT HwDeq f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32
· · · · · · · · · · · · · · · · · · ·	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_l	Jls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_C		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-438.630005		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	959.854004		
target VehDyn Per1 HwTorque HwNm f32.value	-4.07999992		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	88.0999985		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1397.33997		
target VehDyn Per1 SrlHwAqVld Cnt lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	339.730011		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.89999998		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	52.8800011		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	- Result
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	309385728	309385728	<b>~</b>
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	2760420809	2760420809	
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1397.33997	-1397.33997 ± 0.009	~
VehDyn AutoCntrDetSpd_wi_str.RelHwPosFilt2SV HwDeg_str.Sv_ois_i32	-1397.33997	-1397.33997 ± 0.009	
	0	0	
VehDyn_AuteCatrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AuteCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835	2553156835	
, - ,			
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809	2760420809	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1397.33997	-1397.33997 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1397.33997	-1397.33997 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	_
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>*</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	· ·
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835	2553156835	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1397.33997	-1397.33997 ± 0.009	<b>V</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1397.33997	-1397.33997 ± 0.009	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>*</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>~</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	7
VehDyn_MaxOffset_HwDeg_M_f32	-2840	-2840	~
VehDyn_MinOffset_HwDeg_M_f32	958.709961	958.710022	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60115242	-1.6011523 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	89	89	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.127000004	0.127000004 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1057.60999	-1057.60999 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	<b>~</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Stan 2 205 (Depost Count = 4)		0
Test Step 2.205 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime	
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	533.099976	

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VehDyn_AutoCntrDetSpd_M_str.FiliPniTrig_HwNm_f32         6.09999998           VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32         8.09999985           VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16         33198           VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16         3198           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         2760420809           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         2967684784           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32         -913.679993           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32         0.000918000005           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         0.000918000005           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt.lgc         1           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt.lgc         1           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt.lgc         0           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt.lgc         0           VehDyn_AutoCntrHSpd_M_str.Filter1Thitalted_Cnt.lgc         0           VehDyn_AutoCntrHSpd_M_str.Timer1Thresh_mS_u16         38888           VehDyn_AutoCntrHSpd_M_str.Timer1_mS_u32         216.539993           VehDyn_AutoCntrHSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrHSpd_M_str.Timer2_mS_u32         2760420809           VehDyn_AutoCntrHSpd_M_str.Timer2_mS_	
VehDyn_AutoCntrDelSpd_M_str.Timer1Thresh_mS_u16	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16         33198           VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16         31368           VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2967684784           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt15V_HwDeg_str.K_Uis_132         0.000918000005           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uis_132         0.000918000005           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uis_132         0.000918000005           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uis_132         0.000918000005           VehDyn_AutoCntrDetSpd_M_str.Filter1Entable_Cnt.Lgc         1           VehDyn_AutoCntrDetSpd_M_str.Filter1Initalized_Cnt.Lgc         0           VehDyn_AutoCntrHispd_M_str.Filter2Initialized_Cnt.Lgc         0           VehDyn_AutoCntrHispd_M_str.VelSpd_knh, 132         216.539993           VehDyn_AutoCntrHispd_M_str.Filter1Initialized_Cnt.Lgc         0           VehDyn_AutoCntrHispd_M_str.Filter1Initialized_Cnt.Lgc         0           VehDyn_AutoCntrHispd_M_str.Timer1Thresh_mS_u16         5.1999991           VehDyn_AutoCntrHispd_M_str.Timer1Thresh_mS_u16         57944           VehDyn_AutoCntrHispd_M_str.Timer2_mS_u32         2760420809           VehDyn_AutoCntrHispd_M_str.RelHwPosFilt3V_HwDeg_str.V_Uis_132         9913.679993	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16         31368           VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         2967684784           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilitSV_HwDeg_str.K_UIs_f32         913.679993           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilitSV_HwDeg_str.K_UIs_f32         0.000918000005           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilitSV_HwDeg_str.K_UIs_f32         0.000918000005           VehDyn_AutoCntrDetSpd_M_str.Filler2Enable_Cnt_lgc         1           VehDyn_AutoCntrDetSpd_M_str.Filler2Enable_Cnt_lgc         1           VehDyn_AutoCntrDetSpd_M_str.Filler2Enable_Cnt_lgc         0           VehDyn_AutoCntrDetSpd_M_str.Filler1Initalized_Cnt_lgc         0           VehDyn_AutoCntrHSpd_M_str.MitVel_Mtraa95_if32         124.5           VehDyn_AutoCntrHSpd_M_str.MitVel_Mtraa95_if32         124.5           VehDyn_AutoCntrHSpd_M_str.Filler1Tn-tHwNm_f32         5.19999981           VehDyn_AutoCntrHSpd_M_str.Timer1Tm-thwNm_f32         5.19999981           VehDyn_AutoCntrHSpd_M_str.Timer2Thresh_mS_u16         38888           VehDyn_AutoCntrHSpd_M_str.Timer2Tmesh_mS_u16         57944           VehDyn_AutoCntrHSpd_M_str.Timer2Tmesh_mS_u16         57944           VehDyn_AutoCntrHSpd_M_str.Timer2Tmesh_u5_u5         9.13.679993           VehDyn_AutoCntrHSpd_M_str.Timer1_mS_u	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         2967684784           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32         0.000918000005           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         0.000918000005           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         0.000918000005           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_Igc         1           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_Igc         1           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_Igc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc         0           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         38688           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         38688           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2760420809           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         913.679993           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         913.679993           VehDy	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2967684784           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFit1SV_HwDeg_str.K_Uls_f32         -913.679993           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFit1SV_HwDeg_str.K_Uls_f32         -913.679993           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFit12SV_HwDeg_str.K_Uls_f32         -913.679993           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFit12SV_HwDeg_str.K_Uls_f32         -913.679993           VehDyn_AutoCntrDetSpd_M_str.FilterTenble_Cnt_lgc         1           VehDyn_AutoCntrDetSpd_M_str.FilterTintialized_Cnt_lgc         0           VehDyn_AutoCntrHSpd_M_str.FilterTintialized_Cnt_lgc         0           VehDyn_AutoCntrHISpd_M_str.FilterTintialized_Cnt_lgc         0           VehDyn_AutoCntrHISpd_M_str.FilterTint_HwMn_f32         216.53993           VehDyn_AutoCntrHISpd_M_str.FilterTint_HwMn_f32         216.539993           VehDyn_AutoCntrHISpd_M_str.Timer1_mS_u5         38868           VehDyn_AutoCntrHISpd_M_str.Timer1_mS_u5         65           VehDyn_AutoCntrHISpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrHISpd_M_str.RelHwPosFiltSV_HwDeg_str.K_Uls_f32         913.679993           VehDyn_AutoCntrHISpd_M_str.RelHwPosFiltSV_HwDeg_str.K_Uls_f32         913.679993           VehDyn_AutoCntrHISpd_M_str.RelHwPosFiltSV_HwDeg_str.K_Uls_f32         913.679999           VehDyn_AutoCntrHISpd_M_str.RelHwPosFiltSV_HwDeg_str.K_Uls_f32         <	
VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFitt1SV_HwDeg_str.K_Uis_f32         -913.679993           VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFitt1SV_HwDeg_str.K_Uis_f32         -903.679993           VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFitt2SV_HwDeg_str.K_Uis_f32         0.000918000005           VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFitt2SV_HwDeg_str.K_Uis_f32         0.000918000005           VehDyn_AutoCntrDetSpd_M_str.FilterTenble_Cnt.lgc         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt.lgc         0           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt.lgc         0           VehDyn_AutoCntrHiSpd_M_str.Wel_MtrRadpS_f32         124.5           VehDyn_AutoCntrHiSpd_M_str.Filter1rnc_HwNm_f32         5.19999981           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_uf6         38868           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_uf6         38868           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u5         3760420809           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2967684784           VehDyn_AutoCntrHiSpd_M_str.TellerVposFitt1SV_HwDeg_str.SV_Uis_f32         913.679993           VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFitt3V_HwDeg_str.SV_Uis_f32         9913.679993           VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFitt3V_HwDeg_str.SV_Uis_f32         913.679993           VehDyn_AutoCntrHiSpd_M_str.Timer1_ms_u52         0           VehDyn_AutoCntrHiSpd_M_str.Fitter1Initialized_Cnt_lgc </td <td></td>	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         0.000918000005           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         9.913.679993           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Intable_Cnt_lgc         1           VehDyn_AutoCntrDetSpd_M_str.Filter1Intialized_Cnt_lgc         0           VehDyn_AutoCntrDetSpd_M_str.Filter1Intialized_Cnt_lgc         0           VehDyn_AutoCntrHSpd_M_str.VehSpd_kph_f32         1216.539993           VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32         1216.539993           VehDyn_AutoCntrHiSpd_M_str.Filter1Intialized_Cnt_lgc         96.5           VehDyn_AutoCntrHiSpd_M_str.Filter1Intialized_Cnt_lgc         96.5           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u5         38868           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2967684784           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_Uls_f32         913.679993           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.K_Uls_f32         9000747999999           VehDyn_AutoCntrHiSpd_M_str.Filter1Intialized_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Intialized_Cnt_lgc         0           VehDyn_Auto	
VehDyn_AutoCntrDetSpd_M_str. ReiHwPosFilt2SV_HwDeg_str.K_Uls_f32         -913.679993           VehDyn_AutoCntrDetSpd_M_str. ReiHwPosFilt2SV_HwDeg_str.K_Uls_f32         0.000918000005           VehDyn_AutoCntrDetSpd_M_str. FilterEnable_Cnt_lgc         1           VehDyn_AutoCntrDetSpd_M_str. FilterInitialized_Cnt_lgc         0           VehDyn_AutoCntrDetSpd_M_str. FilterInitialized_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str. FilterInitialized_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str. FilterInitialized_Cnt_lgc         124.5           VehDyn_AutoCntrHiSpd_M_str. FilterInitialized_Cnt_lgc         216.539993           VehDyn_AutoCntrHiSpd_M_str. FilterInitialized_Cnt_lgc         5.19999981           VehDyn_AutoCntrHiSpd_M_str. Timer1Thresh_mS_u16         38868           VehDyn_AutoCntrHiSpd_M_str. Timer1_mS_u32         2760420809           VehDyn_AutoCntrHiSpd_M_str. Timer2_mS_u32         2967684784           VehDyn_AutoCntrHiSpd_M_str. ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32         2913.67993           VehDyn_AutoCntrHiSpd_M_str. ReiHwPosFilt1SV_HwDeg_str.K_Uls_f32         913.679993           VehDyn_AutoCntrHiSpd_M_str. ReiHwPosFilt1SV_HwDeg_str.K_Uls_f32         913.679993           VehDyn_AutoCntrHiSpd_M_str. FilterInitialized_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str. FilterInitialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str. FilterInitialized_Cnt_lgc </td <td></td>	
VehDyn_AutoCntrDetSpd_M_str.RietHwPosFitt2SV_HwDeg_str.K_Uls_f32         0.0009180000005           VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         1           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.WitvPd_MtrRadpS_f32         124.5           VehDyn_AutoCntrHiSpd_M_str.WitvPd_MtrRadpS_f32         216.539993           VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32         5.19999981           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         38868           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         57944           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2967684784           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV_Uls_f32         -913.679993           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilitSV_HwDeg_str.K_Uls_f32         0.000717999999           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1PinTrq_HwNm_f32         16.3999996           VehDyn_AutoCn	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc         1           VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         0           VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         124.5           VehDyn_AutoCntrHiSpd_M_str.Filter1Tnrc_HwNn_f32         5.19999981           VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32         96.5           VehDyn_AutoCntrHiSpd_M_str.Timer1Tnresh_mS_u16         38868           VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16         57944           VehDyn_AutoCntrHiSpd_M_str.Timer1Tnresh_mS_u22         2760420809           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2967684784           VehDyn_AutoCntrHiSpd_M_str.Timer1Enresh_mS_u16         57944           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1sVy_HwDeg_str.Sv_Uls_f32         -913.679993           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1sVy_HwDeg_str.K_Uls_f32         -913.679993           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         -913.679993           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_st	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc         0           VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_AutoCntrDetSpd_M_str.WiterInitialized_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.WiterApdpS_f32         124.5           VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32         216.539993           VehDyn_AutoCntrHiSpd_M_str.Timer1Princ_HwNm_f32         5.19999981           VehDyn_AutoCntrHiSpd_M_str.Timer1Princ_HwNm_f32         96.5           VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16         38868           VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16         57944           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2967684784           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2967684784           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV_UIs_f32         -913.679993           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilitSV_HwDeg_str.K_UIs_f32         0.00042799999           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Pintsdized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Pintsdized_Cnt_lgc	
VehDyn_AutoCntrDetSpd_M_str.FilterInitialized_Cnt_lgc         0           VehDyn_AutoCntrDetSpd_M_str.FilterInitialized_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32         124.5           VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32         216.539993           VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32         5.19999981           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         38868           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2967684784           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2967684784           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         913.679993           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         0.000717999996           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         0.00042799999           VehDyn_AutoCntrHiSpd_M_str.FilterInitialized_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.FilterInitialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.MirVel_MtrRadps_f32         124.400002           VehDyn_AutoCntrLoSpd_M_str.TillerInitialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.TillerInitialized_Cnt_lgc         16.3999996           VehDyn_AutoCntrLoSp	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Wrtvel_MtrRadpS_f32         124.5           VehDyn_AutoCntrHiSpd_M_str.VehSpd_kpl_f32         216.539993           VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNn_f32         5.19999981           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         38868           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         57944           VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16         57944           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2760420809           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2967684784           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uis_f32         -913.679993           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32         0.00071799999           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         0.00042799999           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         7034           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 </td <td></td>	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32         124.5           VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32         216.539993           VehDyn_AutoCntrHiSpd_M_str.ChtrWindow_HwDeg_f32         96.5           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         38868           VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16         38868           VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16         57944           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2967684784           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2997684784           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -913.679993           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         0.000717999999           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         0.000427999999           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         16.3999996           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         246.5           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32         216.539993           VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32         5.1999981           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         38868           VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16         57944           VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16         57944           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2967684784           VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32         -913.679993           VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K_Uls_f32         0.00071799996           VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.K_Uls_f32         -913.679993           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Fintialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         246.5           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 </td <td></td>	
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32         5.19999981           VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32         96.5           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         38868           VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16         57944           VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32         2760420809           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2967684784           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32         -913.679993           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         -913.679993           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         -913.679993           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         -0000427999999           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Initalized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initalized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initalized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initalized_Cnt_lgc         16.3999996           VehDyn_AutoCntrLoSpd_M_str.Filter1Initalized_Cnt_lgc         52.4000015           VehDyn_AutoCntrLoSpd_M_str.Filter1Initalized_Cnt_lgc         7034	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         38868           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         38868           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         57944           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -913.679993           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32         0.000717999996           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         0.000717999999           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         0.000427999999           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Initalized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.WirVel_MtrRadpS_f32         124.400002           VehDyn_AutoCntrLoSpd_M_str.WirVel_MtrRadpS_f32         124.400002           VehDyn_AutoCntrLoSpd_M_str.Filter1Timer1Thresh_mS_u16         7034           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         7034           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         7034           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -913.679993      <	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         38868           VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16         57944           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2967684784           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -913.679993           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32         0.000717999996           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         0.00042799999           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         0.000427999999           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.Mtvel_MtrRadpS_f32         124.400002           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.Timer1_Thresh_mS_u16         70.34           VehDyn_AutoCntrLoSpd_M_str.Timer1_Thresh_mS_u16         70.34           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2760420809           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32         913.679993	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2967684784           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2967684784           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         9-913.679993           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         0.000717999996           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         9-913.679993           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         0.000427999999           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLiSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.WehSpd_kph_f32         124.400002           VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32         124.400002           VehDyn_AutoCntrLoSpd_M_str.FiltPriTrq_HwNm_f32         16.3999996           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         7034           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         7034           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2760420809           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32         913.679993 </td <td></td>	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2967684784           VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFiit1SV_HwDeg_str.SV_UIs_f32         -913.679993           VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFiit1SV_HwDeg_str.K_UIs_f32         -913.679993           VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFiit2SV_HwDeg_str.K_UIs_f32         -913.679993           VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Fiiter1Initialized_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Fiiter1Initialized_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Fiiter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Fiiter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Fiiter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Fiiter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Timer1PmTq_HwIm_f32         16.3999996           VehDyn_AutoCntrLoSpd_M_str.Timer1PmTq_HwIm_f32         52.4000015           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         39056           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2967684784           VehDyn_AutoCntrLoSpd_M_str.Filter1PmS-Filt1SV_HwDeg_str.SV_UIs_f32         913.679993           <	
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32         .997684784           VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K_UIs_f32         .913.679993           VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K_UIs_f32         .0000717999996           VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32         .913.679993           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         .000427999999           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         .0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         .0           VehDyn_AutoCntrLoSpd_M_str.Miter2Initialized_Cnt_lgc         .1           VehDyn_AutoCntrLoSpd_M_str.Miter2Initialized_Cnt_lgc         .1           VehDyn_AutoCntrLoSpd_M_str.Miter2Initialized_Cnt_lgc         .1           VehDyn_AutoCntrLoSpd_M_str.Miter2Initialized_Cnt_lgc         .1           VehDyn_AutoCntrLoSpd_M_str.Miter2Initialized_Cnt_lgc         .1           VehDyn_AutoCntrLoSpd_M_str.FiltpTrq_HwNm_f32         .16.3999996           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         .7034           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         .7034           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         .2760420809           VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32         .913.67993           VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32         -913.679993           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32         0.000717999996           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         -913.679993           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         0.000427999999           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Dntra_HwNm_f32         16.399996           VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32         52.4000015           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         7034           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         39056           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2967684784           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32         -913.67993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         0.000717999996           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         -913.679993           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         0.000427999999           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32         124.400002           VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwIm_f32         16.3999996           VehDyn_AutoCntrLoSpd_M_str.Tilter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Tilter1PinTrq_HwIm_f32         16.3999996           VehDyn_AutoCntrLoSpd_M_str.Tilter1PinTrq_HwIm_f32         52.4000015           VehDyn_AutoCntrLoSpd_M_str.Tilter1PinTesh_mS_u16         39056           VehDyn_AutoCntrLoSpd_M_str.Tilter2Tresh_mS_u16         39056           VehDyn_AutoCntrLoSpd_M_str.Tilter2_mS_u32         2760420809           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc <td< td=""><td></td></td<>	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         -913.679993           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         0.000427999999           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32         124.400002           VehDyn_AutoCntrLoSpd_M_str.FiltPrinTrq_HwNm_f32         16.3999996           VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32         52.4000015           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         7034           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         39056           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         39056           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         39056           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u12         2760420809           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32         913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32         913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32         913.679993           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_cnt_lgc         0 <tr< td=""><td></td></tr<>	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         0.000427999999           VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         246.5           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lga         16.3999996           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lga         52.4000015           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u16         39056           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2967684784           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2967684784           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCn	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc         0           VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32         124.400002           VehDyn_AutoCntrLoSpd_M_str.PitPinTrq_HwNm_f32         246.5           VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32         16.399996           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         7034           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         30056           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         39056           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2760420809           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2967684784           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -903.679993           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc         1           VehDyn_LoSpdLearnt_Cnt_M_Igc         0           VehDyn_LoSpdLearnt_Cnt_M_Igc         0	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc         0           VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.WtrVel_MtrRadpS_f32         124.400002           VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32         246.5           VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32         16.3999996           VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32         52.4000015           VehDyn_AutoCntrLoSpd_M_str.Timer1_mrs_u16         7034           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         39056           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         39056           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         39056           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2967684784           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2967684784           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32         7.1399998e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         90.000918000005           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc         1           VehDyn_HispdLearnt_Cnt_M_Igc<	
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32         124.400002           VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32         246.5           VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32         16.3999996           VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32         52.4000015           VehDyn_AutoCntrLoSpd_M_str.Timer1_Thresh_mS_u16         7034           VehDyn_AutoCntrLoSpd_M_str.Timer1_ms_u32         2760420809           VehDyn_AutoCntrLoSpd_M_str.Timer2_ms_u32         2967684784           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32         7.1399988e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_ForceCenterCnt	
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32         124.400002           VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32         246.5           VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32         16.3999996           VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32         52.4000015           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         7034           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         39056           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         39056           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2760420809           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2967684784           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_UIs_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32         7.1399998e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32         0.000918000005           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc         1           VehDyn_ForceCenterCnabled_Cnt_M_lgc         0           VehDyn_ForceCenterCffset_HwDeg_M_f32         1297.25           VehDyn_HispdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32         246.5           VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32         16.3999996           VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32         52.4000015           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         7034           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         39056           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2760420809           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2967684784           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFit1SV_HwDeg_str.SV_UIs_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFit1SV_HwDeg_str.SV_UIs_f32         7.1399998e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFit12SV_HwDeg_str.SV_UIs_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFit12SV_HwDeg_str.K_UIs_f32         0.000918000005           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc         1           VehDyn_ForceCenterEnabled_Cnt_M_Igc         0           VehDyn_ForceCenterOffset_HwDeg_M_f32         1297.25           VehDyn_HiSpdLearnt_Cnt_M_Igc         0           VehDyn_Initialize_Cnt_M_Igc         0           VehDyn_MaxOffset_HwDeg_M_f32         -551.190002	
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32         16.3999996           VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32         52.4000015           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         7034           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         39056           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         39056           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2760420809           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32         7.1399998e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         0.000918000005           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc         0           VehDyn_ForceCenterCoffset_HwDeg_M_f32         1           VehDyn_ForceCenterCoffset_HwDeg_M_f32         1           VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         -551	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32         52.4000015           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         7034           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         39056           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         39056           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_UIs_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_UIs_f32         7.1399998e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32         0.000918000005           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc         0           VehDyn_ForceCenterCnabled_Cnt_M_igc         1           VehDyn_ForceCenterCoffset_HwDeg_M_f32         1297.25           VehDyn_HispdLearnt_Cnt_M_igc         0           VehDyn_Initialize_Cnt_M_igc         0           VehDyn_MaxOffset_HwDeg_M_f32         -551.190002      <	
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         7034           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         39056           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2967684784           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_UIs_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_UIs_f32         7.1399998e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32         0.000918000005           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         0           VehDyn_ForceCenterCnffset_HwDeg_M_f32         1297.25           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_IoSpdLearnt_Cnt_M_lgc         0           VehDyn_IoSpdLearnt_Cnt_M_lgc         0           VehDyn_MinOffset_HwDeg_M_f32         -551.190002	
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         39056           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2967684784           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32         7.1399998e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         0.000918000005           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_ForceCenterCnabled_Cnt_M_lgc         0           VehDyn_ForceCenterCoffset_HwDeg_M_f32         1297.25           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_IoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         -551.190002           VehDyn_PinTrqSV_M_str.SV_UIs_f32         -14.8000002	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2760420809           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2967684784           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32         7.1399998e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         0.000918000005           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initalized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initalized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Initalized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter1Initalized_Cnt_lgc         1           VehDyn_ForceCenterEnabled_Cnt_M_lgc         0           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         1           VehDyn_IoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         -551.190002           VehDyn_PinTrqSV_M_str.SV_UIs_f32         -14.8000002           VehDyn_SLPHwAuth_UIs_M_f32 </td <td></td>	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2967684784           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32         7.1399998e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         0.000918000005           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset_HwDeg_M_f32         1297.25           VehDyn_HispdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         1440.10999           VehDyn_SirrtqSV_M_str.SV_UIs_f32         -14.8000002           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.000461999996           VehDyn_SLPHwAuth_UIs_M	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_Uls_f32         7.1399998e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_Uls_f32         0.000918000005           VehDyn_AutoCntrLoSpd_M_str.Fitter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Fitter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Fitter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Fitter2Initialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Fitter2Initialized_Cnt_lgc         0           VehDyn_ForceCenterCenabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset_HwDeg_M_f32         1297.25           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         1440.10999           VehDyn_MinOffset_HwDeg_M_f32         -551.190002           VehDyn_PinTrqSV_M_str.SV_Uls_f32         -14.8000002           VehDyn_SLPHwAuth_Uls_M_f32         0.000461999996           VehDyn_SLPHwPos_HwDeg_M_f32         349.98999	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_Uls_f32         7.1399998e-005           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_Uls_f32         0.000918000005           VehDyn_AutoCntrLoSpd_M_str.Fitter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Fitter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Fitter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterCffset_HwDeg_M_f32         1297.25           VehDyn_HispdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         1440.10999           VehDyn_MinOffset_HwDeg_M_f32         -551.190002           VehDyn_PinTrqSV_M_str.SV_Uls_f32         -14.8000002           VehDyn_SLPHwAuth_Uls_M_f32         0.000461999996           VehDyn_SLPHwPos_HwDeg_M_f32         349.98999	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32         -913.679993           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_Uls_f32         0.000918000005           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset_HwDeg_M_f32         1297.25           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         1440.10999           VehDyn_MinOffset_HwDeg_M_f32         -551.190002           VehDyn_PinTrqSV_M_str.SV_Uls_f32         -14.8000002           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000461999996           VehDyn_SLPHwAuth_Uls_M_f32         0.136000007           VehDyn_SLPHwPos_HwDeg_M_f32         349.98999	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_Uls_f32         0.000918000005           VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset_HwDeg_M_f32         1297.25           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         1440.10999           VehDyn_MinOffset_HwDeg_M_f32         -551.190002           VehDyn_PinTrqSV_M_str.SV_Uls_f32         -14.8000002           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000461999996           VehDyn_SLPHwAuth_Uls_M_f32         0.136000007           VehDyn_SLPHwPos_HwDeg_M_f32         349.98999	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc         0           VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset_HwDeg_M_f32         1297.25           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         1440.10999           VehDyn_MinOffset_HwDeg_M_f32         1551.190002           VehDyn_PinTrqSV_M_str.SV_UIs_f32         -14.8000002           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.000461999996           VehDyn_SLPHwAuth_UIs_M_f32         0.136000007           VehDyn_SLPHwPos_HwDeg_M_f32         349.98999	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset_HwDeg_M_f32         1297.25           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         1440.10999           VehDyn_MinOffset_HwDeg_M_f32         -551.190002           VehDyn_PinTrqSV_M_str.SV_UIs_f32         -14.8000002           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.000461999996           VehDyn_SLPHwAuth_UIs_M_f32         0.136000007           VehDyn_SLPHwPos_HwDeg_M_f32         349.98999	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc         1           VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset_HwDeg_M_f32         1297.25           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         1440.10999           VehDyn_MinOffset_HwDeg_M_f32         -551.190002           VehDyn_PinTrqSV_M_str.SV_UIs_f32         -14.8000002           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.000461999996           VehDyn_SLPHwAuth_UIs_M_f32         0.136000007           VehDyn_SLPHwPos_HwDeg_M_f32         349.98999	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc         0           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset_HwDeg_M_f32         1297.25           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         1440.10999           VehDyn_MinOffset_HwDeg_M_f32         -551.190002           VehDyn_PinTrqSV_M_str.SV_UIs_f32         -14.8000002           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.000461999996           VehDyn_SLPHwAuth_UIs_M_f32         0.136000007           VehDyn_SLPHwPos_HwDeg_M_f32         349.98999	
VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset_HwDeg_M_f32         1297.25           VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         1440.10999           VehDyn_MinOffset_HwDeg_M_f32         -551.190002           VehDyn_PinTrqSV_M_str.SV_UIs_f32         -14.8000002           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.000461999996           VehDyn_SLPHwAuth_UIs_M_f32         0.136000007           VehDyn_SLPHwPos_HwDeg_M_f32         349.98999	
VehDyn_ForceCenterOffset_HwDeg_M_f32       1297.25         VehDyn_HiSpdLearnt_Cnt_M_lgc       0         VehDyn_Initialize_Cnt_M_lgc       1         VehDyn_LoSpdLearnt_Cnt_M_lgc       0         VehDyn_MaxOffset_HwDeg_M_f32       1440.10999         VehDyn_MinOffset_HwDeg_M_f32       -551.190002         VehDyn_PinTrqSV_M_str.SV_UIs_f32       -14.8000002         VehDyn_PinTrqSV_M_str.K_UIs_f32       0.000461999996         VehDyn_SLPHwAuth_UIs_M_f32       0.136000007         VehDyn_SLPHwPos_HwDeg_M_f32       349.98999	
VehDyn_HiSpdLearnt_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         1           VehDyn_LoSpdLearnt_Cnt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         1440.10999           VehDyn_MinOffset_HwDeg_M_f32         -551.190002           VehDyn_PinTrqSV_M_str.SV_UIs_f32         -14.8000002           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.000461999996           VehDyn_SLPHwAuth_UIs_M_f32         0.136000007           VehDyn_SLPHwPos_HwDeg_M_f32         349.98999	
VehDyn_LoSpdLearnt_Cnt_M_lgc       0         VehDyn_MaxOffset_HwDeg_M_f32       1440.10999         VehDyn_MinOffset_HwDeg_M_f32       -551.190002         VehDyn_PinTrqSV_M_str.SV_Uls_f32       -14.8000002         VehDyn_PinTrqSV_M_str.K_Uls_f32       0.000461999996         VehDyn_SLPHwAuth_Uls_M_f32       0.136000007         VehDyn_SLPHwPos_HwDeg_M_f32       349.98999	
VehDyn_MaxOffset_HwDeg_M_f32       1440.10999         VehDyn_MinOffset_HwDeg_M_f32       -551.190002         VehDyn_PinTrqSV_M_str.SV_Uls_f32       -14.8000002         VehDyn_PinTrqSV_M_str.K_Uls_f32       0.000461999996         VehDyn_SLPHwAuth_Uls_M_f32       0.136000007         VehDyn_SLPHwPos_HwDeg_M_f32       349.98999	
VehDyn_MinOffset_HwDeg_M_f32       -551.190002         VehDyn_PinTrqSV_M_str.SV_Uls_f32       -14.8000002         VehDyn_PinTrqSV_M_str.K_Uls_f32       0.000461999996         VehDyn_SLPHwAuth_Uls_M_f32       0.136000007         VehDyn_SLPHwPos_HwDeg_M_f32       349.98999	
VehDyn_PinTrqSV_M_str.SV_Uls_f32       -14.8000002         VehDyn_PinTrqSV_M_str.K_Uls_f32       0.000461999996         VehDyn_SLPHwAuth_Uls_M_f32       0.136000007         VehDyn_SLPHwPos_HwDeg_M_f32       349.98999	
VehDyn_PinTrqSV_M_str.K_Uls_f32       0.000461999996         VehDyn_SLPHwAuth_Uls_M_f32       0.136000007         VehDyn_SLPHwPos_HwDeg_M_f32       349.98999	
VehDyn_SLPHwAuth_Uls_M_f32         0.136000007           VehDyn_SLPHwPos_HwDeg_M_f32         349.98999	
VehDyn_SLPHwPos_HwDeg_M_f32 349.98999	
VehDyn_SrlHwAgVldTimer_mS_M_u32 4178051584	
, _ 0 = _ =	
k_HiSpdVDAuthority_Uls_f32 0.670000017	
k_HwTqMgnThd_HwNm_f32 1.5	
k_LoSpdVDAuthority_UIs_f32 0	
k_SrlHwAgVldTiThd_mS_u32 703	
k_SysKinRatio_MtrDegpHwDeg_f32 32.5400009	
k_TravelXCDeadband_Uls_f32 42.1399994	
k_TravelXCHwAuthority_UIs_f32 0.246924996	
target_DtrmnElapsedTime_mS_u32_ElapsedTime 1662097408	
target_GetSystemTime_mS_u32_CurrentTime 4164171008	
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTi 824746752 target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 4178051584	
	CowEOT HwDen f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f42 target_VehDyn_Per1_HwNm_f42 target_VehDyn_Per1_HwNm_f42 target_VehDyn_Per1_HwNm_f42 target_VehDyn_Per1_HwNm_f42 target_VehDyn_Per1_HwNm_f42	_CcwEOT_HwDeg_f32 _CwEOT_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRI	F_MtrRadpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_H	lwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessA	uthority_Uls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessH	wPos_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_	Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_Hw	/Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target VehDyn Per1 TorqueCmdC	CRF MtrNm f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpee		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpee		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-446.350006		
target VehDyn Per1 CwEOT HwDeg f32.value	954.284973		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.19000006		
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	-75		
target VehDyn Per1 RelHwPos HwDeg f32.value	-913.679993		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target VehDyn Per1 SrlHwAg HwDeg f32.value	349.98999		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.19999981		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target VehDyn Per1 VehicleSpeed Kph f32.value	128		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	resul
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809	2760420809	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784	2967684784	
	-913.679993	-913.679993 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-913.679993	-913.679993 ± 0.0009	
	1	-913.079993 ± 0.0009	
VehDyn_AutoCotrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	4164171008	4164171008	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784	2967684784	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-913.679993	-913.679993 ± 0.0009	
	-913.679993	-913.679993 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32			
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4164171008	4164171008	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784	2967684784	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-913.679993	-913.679993 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-913.679993	-913.679993 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_Initialize_Cnt_M_lgc	1	1	
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_MaxOffset_HwDeg_M_f32	1440.10999	1440.10999	
VehDyn_MinOffset_HwDeg_M_f32	467.329987	467.329987	•
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-14.794982	-14.794982 ± 0.00009	•
VehDyn_SrlHwAgVldTimer_mS_M_u32	4178051584	4178051584	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	•
target VohDyn Bort Sonorlood-LyDon HyDon f22 volus	1600	1600 ± 0.1	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDvn Per1 CP1 ChecknointReached	1	Rte Call VehDyn Per1 CP1 ChecknointReached	1	_

-1600 ± 0.1

-1600

Test Step 2.206 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime

target\_VehDyn\_Per1\_SensorlessHwPos\_HwDeg\_f32.value

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Name	Input Value
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	290.299988
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	32.2999992
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.2999992
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.3000031
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	32821 14442
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707
/ehDyn_AutoCntrDetSpd_M_str.Timer1_m3_u32	3796740682
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	476.670013
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00092000002
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	476.670013
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00092000002
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	126.599998
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	42.5999985
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.599999
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	63.4000015
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	25532
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27401
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3589476707
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	476.670013
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000720000011
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	476.670013
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000432000001
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	126.5
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	88.5
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.5
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	75.5
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	10412
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3277
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476707
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3796740682 476.670013
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.Sv_ois_i32	7.15999995e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	476.670013
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00092000002
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn ForceCenterEnabled Cnt M Igc	1
/ehDyn_ForceCenterOffset_HwDeg_M_f32	1397.16003
/ehDyn_HiSpdLearnt_Cnt_M_lgc	1
'ehDyn_Initialize_Cnt_M_lgc	1
/ehDyn_LoSpdLearnt_Cnt_M_lgc	1
ehDyn_MaxOffset_HwDeg_M_f32	1425.25
ehDyn_MinOffset_HwDeg_M_f32	-557.909973
ehDyn_PinTrqSV_M_str.SV_Uls_f32	7.80000019
ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000463000004
ehDyn_SLPHwAuth_Uls_M_f32	0.144999996
ehDyn_SLPHwPos_HwDeg_M_f32	360.25
ehDyn_SrlHwAgVldTimer_mS_M_u32	459322752
_HiSpdVDAuthority_Uls_f32	0.119999997
_HwTqMgnThd_HwNm_f32	9.19999981
_LoSpdVDAuthority_Uls_f32	1
SrlHwAgVldTiThd_mS_u32	9000
SysKinRatio_MtrDegpHwDeg_f32	86.6399994
TravelXCDeadband_Uls_f32	43.7099991
 TravelXCHwAuthority_Uls_f32	0.248150006
arget_DtrmnElapsedTime_mS_u32_ElapsedTime	2127166208
arget_GetSystemTime_mS_u32_CurrentTime	437658624
arget_GetSystemTime_mS_u32_CurrentTime	





Name	Input Value		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime_mS_u32\_CurrentTime_mS_u32\_CurrentTime_mS_u32\_CurrentTime_mS_u32\_CurrentTime_mS_u32\_CurrentTime_mS_u32\_CurrentTime_mS_u332\_CurrentTime_$	e 4077829376		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f3	32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f	32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRa	adpS_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_	<u>f</u> 32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority	_Uls_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_H	HwDeg_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgd	3	
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAg HwDeg f32	target VehDyn Per1 SrlHwAg HwDeg f3	32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mt	rNm f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_		
target VehDyn Per1 CcwEOT HwDeg f32.value	-454.070007		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	948.716003		
target VehDyn Per1 HwTorque HwNm f32.value	-4.30000019		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.099976		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	476.670013		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	360.25		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
	489		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value		Former of and Malicon	D
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707	3589476707	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682	3796740682	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	476.670013	476.670013 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	476.670013	476.670013 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	437658624	437658624	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682	3796740682	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	476.670013	476.670013 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	476.670013	476.670013 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476707	3589476707	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682	3796740682	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	476.670013	476.670013 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	476.670013	476.670013 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	-
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	-
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	•
VehDyn MaxOffset HwDeg M f32	472.04599	472.04599	
	-557.909973	-557.909973	
VehDyn_MinOffset_HwDeg_M_f32		7.79442215 ± 0.000009	<b>→</b>
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.79442263	7.79442215 ± 0.000009 459322752	~
VehDyn_MinOffset_HwDeg_M_f32		7.79442215 ± 0.000009 459322752 1 ± 0.004	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 CheckpointReached	1	_

Test Step 2.207 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime



Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	570.400024
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	246.399994
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.3999996
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.4000015
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	39056
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784 3174948758
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	385.579987
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000921999977
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	385.579987
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000921999977
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	78.4000015
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	226.600006
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3.4000001
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.5999985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	385.579987
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000722000026
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	385.579987
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000436000002
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	70.4000000
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	78.1999969 52.200008
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.199998
VehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	41.200008
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	26195
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22037
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	385.579987
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.1800001e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	385.579987
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000921999977
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	1497.06995
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-1302.15002
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7999992
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000464000012
VehDyn_SLPHwAuth_Uls_M_f32	0.153999999
VehDyn_SLPHwPos_HwDeg_M_f32	370.51001
VehDyn_SrlHwAgVldTimer_mS_M_u32	1391465216
k_HiSpdVDAuthority_Uls_f32	0.75999999
k_HwTqMgnThd_HwNm_f32	5.25
k_LoSpdVDAuthority_Uls_f32	1
k_SrlHwAgVldTiThd_mS_u32	1000
k_SysKinRatio_MtrDegpHwDeg_f32	52.5400009
k TravelYCDeadhand Ills f32	
k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32	45.2799988 0.249375001





Name	Input Value		
target_GetSystemTime_mS_u32_CurrentTime	3941357312		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_ms_u32_ElapsedTi	824746752		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	2644937728		
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target VehDyn Per1 CwEOT HwDeg f32		
target Rte Inst Ap VehDyn.VehDyn Per1 HwTorque HwNm f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3.		
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessAuthority Uls f32	target_VehDyn_Per1_SensorlessAuthority_L		
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessHwPos HwDeg f32	target_VehDyn_Per1_SensorlessHwPos_Hw		
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAgVld Cnt Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	-0	
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAg HwDeg f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	m f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3.		
target VehDyn Per1 CcwEOT HwDeg f32.value	-461.790009		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	943.146973		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.40999985		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	159.009995		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	385.579987		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	370.51001		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.39999962		
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	139.270004		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784	2967684784	<b>~</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758	3174948758	_
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	385.579987	385.579987 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	385.579987	385.579987 ± 0.0009	_
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	_
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	_
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3941357312	3941357312	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758	3174948758	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	385.579987	385.579987 ± 0.0009	~
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	385.579987	385.579987 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784	2967684784	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758	3174948758	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	385.579987	385.579987 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	385.579987	385.579987 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	-1302.15002	-1302.15002	~
VehDyn_MinOffset_HwDeg_M_f32	-847.369995	-847.369995	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7896194	17.7896194 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1391465216	1391465216	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1111.48999	-1111.48999 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte Call VehDvn Per1 CP1 ChecknointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	_



est Step 2.208 (Repeat Count = 1)	Invest Value
ame	Input Value
trmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
etSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
te_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
te_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	497.100006
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	123.099998
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.1000004
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	45.0999985
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	12258
ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	27401
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
, - ,	
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1377.90002
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000923999993
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1377.90002
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000923999993
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	88.6500015
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	236.580002
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	1.64999998
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52.5
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20423
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31368
ehDyn AutoCntrHiSpd M str.Timer1 mS u32	3174948758
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1377.90002
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000723999983
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.RV_Uls_f32	-1377.90002
· - · ·	0.000440000003
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	88.5
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	34.5
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.5
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	63.5
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43190
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3186
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948758
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1377.90002
ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.20000025e-005
ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1377.90002
ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000923999993
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
enDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_ForceCenterEnabled_Cnt_M_lgc	
ehDyn_ForceCenterOffset_HwDeg_M_f32	1596.97998
ehDyn_HiSpdLearnt_Cnt_M_lgc	0
ehDyn_Initialize_Cnt_M_lgc	1
ehDyn_LoSpdLearnt_Cnt_M_lgc	0
ehDyn_MaxOffset_HwDeg_M_f32	1298.25
ehDyn_MinOffset_HwDeg_M_f32	2840
ehDyn_PinTrqSV_M_str.SV_Uls_f32	-7
ehDyn_PinTrqSV_M_str.K_Uls_f32	0.00046499999
ehDyn_SLPHwAuth_Uls_M_f32	0.163000003
·	380.769989
ehDyn SLPHwPos HwDeg M f32	2212175616
·	
ehDyn_SrlHwAgVldTimer_mS_M_u32	
ehDyn_SrlHwAgVldTimer_mS_M_u32 _HiSpdVDAuthority_Uls_f32	0.779999971
ehDyn_SrlHwAgVldTimer_mS_M_u32 _HiSpdVDAuthority_Uls_f32 _HwTqMgnThd_HwNm_f32	0.779999971 1.10000002
ehDyn_SrlHwAgVldTimer_mS_M_u32 _HiSpdVDAuthority_Uls_f32	0.779999971

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Name	Input Value		
k_TravelXCDeadband_Uls_f32	46.8499985		
k_TravelXCHwAuthority_Uls_f32	0.25060001		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1050692864		
target_GetSystemTime_mS_u32_CurrentTime	3304439296		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_ElapsedT$	954802432		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	2212175616		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	dpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_H	wDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrI		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_C		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-469.51001		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	937.578003		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.51999998		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1100.73999		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1377.90002		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	380.769989		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	387.859985		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	<b>~</b>
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758	3174948758	<b>~</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733	3382212733	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1377.90002	-1377.90002 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1377.90002	-1377.90002 ± 0.009	<b>V</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3304439296	3304439296	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733	3382212733	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1377.90002 -1377.90002	-1377.90002 ± 0.009 -1377.90002 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32			_
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn AutoCntrhSpd_M_str.Filier2iiiidaiized_Cnt_igc  VehDyn AutoCntrLoSpd M str.Timer1 mS u32	3304439296	3304439296	-
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733	3382212733	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1377.90002	-1377.90002 ± 0.009	-
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1377.90002	-1377.90002 ± 0.009	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt.lgc	1	1	
	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	-
VehDyn Initialize Cnt M Igc	1	1	
VehDyn LoSpdLearnt Cnt M Igc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	1298.25	1298.25	
VehDyn MinOffset HwDeg M f32	2840	2840	•
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-6.99862003	-6.99862003 ± 0.000009	
VehDyn_srlHwAgVldTimer_mS_M_u32	2212175616	2212175616	-
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	<b>~</b>
0 _ , _ : _ : _ : _ : _ : _ : _ : _ : _ :			



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

est Step 2.209 (Repeat Count = 1)	Innut Value
	Input Value
rmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
etSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
e_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
e_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
e_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	31.2000008
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	125.199997
hDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.2000008
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	78.1999969
hDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	29076
hDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18715
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476707
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1380.59998
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000926000008
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1380.59998
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000926000008
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
hDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
hDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	94.5999985
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	246
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.5999999
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	41
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	7034
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	39056
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3382212733
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476707
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1380.59998
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000725999998
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1380.59998
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000444000005
hDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
hDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	1
ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	94.3000031
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	18.5
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.5
ehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	88.3000031
hDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	30404
hDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	30349
hDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733
ehDyn AutoCntrLoSpd M str.Timer2 mS u32	3589476707
hDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1380.59998
hDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.21999968e-005
hDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.R_Uis_132	
· - · ·	-1380.59998 0.000926000008
hDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	
hDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
hDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_ForceCenterEnabled_Cnt_M_lgc	1
ehDyn_ForceCenterOffset_HwDeg_M_f32	-1500.22998
hDyn_HiSpdLearnt_Cnt_M_lgc	1

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Name	Input Value		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	-1294.34998		
VehDyn_MinOffset_HwDeg_M_f32	-1242.25		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	6.30000019		
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.000465999998		
VehDyn_SLPHwAuth_Uls_M_f32	0.172000006		
VehDyn_SLPHwPos_HwDeg_M_f32	391.029999 2059598336		
VehDyn_SrlHwAgVldTimer_mS_M_u32 k HiSpdVDAuthority Uls f32	0.233999997		
k_HwTqMgnThd_HwNm_f32	1.20000005		
k LoSpdVDAuthority Uls f32	1		
k SrlHwAgVldTiThd mS u32	951		
k SysKinRatio MtrDegpHwDeg f32	25.5499992		
k TravelXCDeadband Uls f32	48.4199982		
k TravelXCHwAuthority Uls f32	0.251825005		
target DtrmnElapsedTime mS u32 ElapsedTime	3039943680		
target_GetSystemTime_mS_u32_CurrentTime	2167769344		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi	2728878080		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	Jls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	/Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-477.230011		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	932.008972		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.63000011		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154.449997		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1380.59998		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	391.029999		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999		
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value			
	398 880005		
	398.880005	Expected Value	Rosult
Name	Actual Value	Expected Value	Result
Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	Actual Value	1	~
Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	Actual Value 1 3382212733	1 3382212733	Result
Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	Actual Value 1 3382212733 3589476707	1 3382212733 3589476707	
Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	Actual Value 1 3382212733 3589476707 -1380.59998	1 3382212733 3589476707 -1380.59998 ± 0.009	~
Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	Actual Value  1 3382212733 3589476707 -1380.59998 -1380.59998	1 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009	
Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	Actual Value  1  3382212733  3589476707  -1380.59998  -1380.59998  0	1 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 0	0
Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	Actual Value  1 3382212733 3589476707 -1380.59998 -1380.59998 0 0	1 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 0	
Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	Actual Value  1  3382212733  3589476707  -1380.59998  -1380.59998  0	1 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 0	0
Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	Actual Value  1 3382212733 3589476707 -1380.59998 -1380.59998 0 0	1 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 0 0	
Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	Actual Value  1 3382212733 3589476707 -1380.59998 -1380.59998 0 0 1	1 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 0 0	
Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	Actual Value  1 3382212733 3589476707 -1380.59998 -1380.59998 0 0 1 2167769344	1 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 0 0 1 2167769344	
Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	Actual Value  1 3382212733 3589476707 -1380.59998 -1380.59998 0 0 1 2167769344 3589476707	1 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 0 0 1 2167769344 3589476707	
Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilltSV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFillt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_Igc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_Igc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	Actual Value  1 3382212733 3589476707 -1380.59998 -1380.59998 0 0 1 2167769344 3589476707 -1380.59998	1 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 0 0 1 2167769344 3589476707 -1380.59998 ± 0.009	
Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilltSV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFillt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_Igc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_Igc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	Actual Value  1 3382212733 3589476707 -1380.59998 -1380.59998 0 0 1 2167769344 3589476707 -1380.59998 -1380.59998	1 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 0 0 1 2167769344 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009	
Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilltSV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFillt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_Igc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_Igc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc	Actual Value  1 3382212733 3589476707 -1380.59998 -1380.59998 0 0 1 2167769344 3589476707 -1380.59998 -1380.59998 0	1 3382212733 3589476707 -1380.59998 ± 0.009 0 0 0 1 2167769344 3589476707 -1380.59998 ± 0.009 0	
Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilltSV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilltSV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	Actual Value  1 3382212733 3589476707 -1380.59998 -1380.59998 0 0 1 2167769344 3589476707 -1380.59998 -1380.59998 0 1	1 3382212733 3589476707 -1380.59998 ± 0.009 0 0 0 1 2167769344 3589476707 -1380.59998 ± 0.009 0 1	
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Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	Actual Value  1 3382212733 3589476707 -1380.59998 -1380.59998 0 0 1 2167769344 3589476707 -1380.59998 -1380.59998 0 1 1 1 0 3382212733 3589476707 -1380.59998 -1380.59998 1	1 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 0 0 1 2167769344 3589476707 -1380.59998 ± 0.009 0 1 1 0 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 1 1 1 0 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 -1380.59998 ± 0.009	
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Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	Actual Value  1 3382212733 3589476707 -1380.59998 -1380.59998 0 0 1 2167769344 3589476707 -1380.59998 0 1 1 1 0 3382212733 3589476707 -1380.59998 1 1 0 0 33825998 1 0 0 0 0	1 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 0 0 1 2167769344 3589476707 -1380.59998 ± 0.009 0 1 1 0 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 1 1 0 0 3000000000000000000000000000	
Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	Actual Value  1 3382212733 3589476707 -1380.59998 -1380.59998 0 0 0 1 2167769344 3589476707 -1380.59998 0 1 1 1 0 3382212733 3589476707 -1380.59998 -1380.59998 1 0 0 0 0 0 0 0 0 0	1 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 0 0 1 2167769344 3589476707 -1380.59998 ± 0.009 0 1 1 1 0 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 1 1 0 0 0 0 0	
Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	Actual Value  1 3382212733 3589476707 -1380.59998 -1380.59998 0 0 0 1 2167769344 3589476707 -1380.59998 0 1 1 1 0 3382212733 3589476707 -1380.59998 -1380.59998 1 0 1 1 0 0 3082512733 3589476707 -1380.59998 -1380.59998 1 1 0 0 0 1	1 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 0 0 1 2167769344 3589476707 -1380.59998 ± 0.009 0 1 1 0 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 1 0 0 1 0 0 0 1 1 0 0	
Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_Initialize_Cnt_M_lgc	Actual Value  1 3382212733 3589476707 -1380.59998 -1380.59998 0 0 0 1 2167769344 3589476707 -1380.59998 0 1 1 1 0 3382212733 3589476707 -1380.59998 -1380.59998 1 0 1 1 0 0 30000000000000000000000000	1 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 0 0 1 2167769344 3589476707 -1380.59998 ± 0.009 0 1 1 1 0 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 1 1 0 0 0 1 1 1 0 0 1 1 1	
Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_Initialize_Cnt_M_lgc  VehDyn_LoSpdLearnt_Cnt_M_lgc	Actual Value  1 3382212733 3589476707 -1380.59998 -1380.59998 0 0 0 1 2167769344 3589476707 -1380.59998 0 1 1 1 0 3382212733 3589476707 -1380.59998 -1380.59998 1 0 1 1 1 0 0 1 1 1 1 0 1 1 1 1 1 1 1	1 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 0 0 1 2167769344 3589476707 -1380.59998 ± 0.009 0 1 1 1 0 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 1 1 0 0 0 1 1 1 1 1 1	
Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Filter1SiltSV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	Actual Value  1 3382212733 3589476707 -1380.59998 -1380.59998 0 0 0 1 2167769344 3589476707 -1380.59998 0 1 1 1 0 3382212733 3589476707 -1380.59998 -1380.59998 0 1 1 1 1 0 0 3182212733 3589476707 -1380.59998 -1380.59998 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 0 0 1 2167769344 3589476707 -1380.59998 ± 0.009 0 1 1 1 0 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 1 1 1 0 0 0 1 1 1 1 1 -1294.34998	
Name  VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_Initialize_Cnt_M_lgc  VehDyn_LoSpdLearnt_Cnt_M_lgc	Actual Value  1 3382212733 3589476707 -1380.59998 -1380.59998 0 0 0 1 2167769344 3589476707 -1380.59998 0 1 1 1 0 3382212733 3589476707 -1380.59998 -1380.59998 1 0 1 1 1 0 0 1 1 1 1 0 1 1 1 1 1 1 1	1 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 0 0 1 2167769344 3589476707 -1380.59998 ± 0.009 0 1 1 1 0 3382212733 3589476707 -1380.59998 ± 0.009 -1380.59998 ± 0.009 1 1 0 0 0 1 1 1 1 1 1	





Name	Actual Value	Expected Value	Result
VehDyn_SrlHwAgVldTimer_mS_M_u32	2059598336	2059598336	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	119.630005	119.629997 ± 0.1	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	-

Test Step 2.210 (Repeat Count = 1)	
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	290.299988
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	32.2999992
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.2999992
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.3000031
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	32821
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	14442
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	703.02002
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000928000023
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	703.02002
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000928000023
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	126.300003
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	42.5999985
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.30000019
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	63.5999985
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	25532
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27401
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3589476707
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	703.02002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000728000014
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	703.02002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000448000006
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	126.599998
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	88.300031
/ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	2.2999995
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	75.5
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	10412
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3277
/ehDyn AutoCntrLoSpd M str.Timer1 mS u32	3589476707
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	703.02002
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.23999983e-005
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	703.02002
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000928000023
	0.000928000023
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc /ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
	1
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc	
/ehDyn_ForceCenterEnabled_Cnt_M_lgc /ehDyn_ForceCenterOffset_HwDeg_M_f32	0 -1400.31995

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Name	Input Value		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	1290.44995		
VehDyn_MinOffset_HwDeg_M_f32	-524.309998		
VehDyn_PinTrqSV_M_str.SV_UIs_f32 VehDyn_PinTrqSV_M_str.K_UIs_f32	7.80000019 0.000467000005		
VehDyn SLPHwAuth Uls M f32	0.180999994		
VehDyn SLPHwPos HwDeg M f32	401.290009		
VehDyn_SrlHwAgVldTimer_mS_M_u32	633730944		
k HiSpdVDAuthority Uls f32	1		
k_HwTqMgnThd_HwNm_f32	6.5		
k_LoSpdVDAuthority_Uls_f32	0		
k_SrlHwAgVldTiThd_mS_u32	4856		
k_SysKinRatio_MtrDegpHwDeg_f32	86.8499985		
k_TravelXCDeadband_Uls_f32	0		
k_TraveIXCHwAuthority_UIs_f32	0.253049999		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1316564736		
target_GetSystemTime_mS_u32_CurrentTime	3714197504		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_Elapsed			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	· <del>-</del>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAutinonty_Ois_i32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessAuthority_U target_VehDyn_Per1_SensorlessHwPos_Hw		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	vDeg_132	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Ci		
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-484.950012		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	926.440002		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.73999977		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.400024		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	703.02002		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	401.290009		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	489	I=	1
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707	3589476707	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682	3796740682	¥
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	703.02002	703.02002 ± 0.0009	<b>*</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	703.02002 1	703.02002 ± 0.0009	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	J
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	J
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3714197504	3714197504	-
	3796740682	3796740682	-
VehDvn AutoCntrHiSpd M str.Timer2 mS u32			
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	703.02002	703.02002 ± 0.0009	<b>✓</b>
	703.02002 703.02002	703.02002 ± 0.0009 703.02002 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32			
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	703.02002	703.02002 ± 0.0009	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	703.02002 0	703.02002 ± 0.0009 0	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	703.02002 0 0	703.02002 ± 0.0009 0 0	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	703.02002 0 0 0	703.02002 ± 0.0009 0 0 0	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	703.02002 0 0 0 1	703.02002 ± 0.0009 0 0 0	***
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	703.02002 0 0 0 1 3714197504	703.02002 ± 0.0009 0 0 0 1 3714197504	***
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	703.02002 0 0 0 1 3714197504 3796740682 703.02002 703.02002	703.02002 ± 0.0009 0 0 1 3714197504 3796740682 703.02002 ± 0.0009 703.02002 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	703.02002 0 0 0 1 3714197504 3796740682 703.02002 703.02002	703.02002 ± 0.0009 0 0 1 3714197504 3796740682 703.02002 ± 0.0009 0	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	703.02002 0 0 0 1 3714197504 3796740682 703.02002 703.02002 0	703.02002 ± 0.0009 0 0 1 3714197504 3796740682 703.02002 ± 0.0009 703.02002 ± 0.0009 0	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	703.02002 0 0 0 1 3714197504 3796740682 703.02002 703.02002 0 1	703.02002 ± 0.0009 0 0 1 3714197504 3796740682 703.02002 ± 0.0009 703.02002 ± 0.0009 0 1	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	703.02002 0 0 1 3714197504 3796740682 703.02002 703.02002 0 1	703.02002 ± 0.0009 0 0 1 3714197504 3796740682 703.02002 ± 0.0009 703.02002 ± 0.0009 0 1	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	703.02002 0 0 1 3714197504 3796740682 703.02002 703.02002 0 1 1	703.02002 ± 0.0009 0 0 1 3714197504 3796740682 703.02002 ± 0.0009 703.02002 ± 0.0009 0 1 1 1	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	703.02002 0 0 1 3714197504 3796740682 703.02002 703.02002 0 1 1 1	703.02002 ± 0.0009 0 0 1 3714197504 3796740682 703.02002 ± 0.0009 703.02002 ± 0.0009 0 1 1 1 0 1	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	703.02002 0 0 1 3714197504 3796740682 703.02002 703.02002 0 1 1	703.02002 ± 0.0009 0 0 1 3714197504 3796740682 703.02002 ± 0.0009 703.02002 ± 0.0009 0 1 1 1	





Name	Actual Value	Expected Value	Result
VehDyn_MinOffset_HwDeg_M_f32	-524.309998	-524.309998	•
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.79416895	7.79416847 ± 0.000009	•
VehDyn_SrlHwAgVldTimer_mS_M_u32	633730944	633730944	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	•
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	401.290009	401.290009 ± 0.1	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lame	Input Value
	target DtrmnElapsedTime mS u32 ElapsedTime
htrmnElapsedTime_mS_u32(ElapsedTime) SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	
tte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
, , ,	
tte_Inst_Ap_VehDyn /ehDyn AllowHiSpdAutoCntr Cnt M lgc	target_Rte_Inst_Ap_VehDyn
	604.099976
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	124.099998
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.1000038
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	32.099985
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	40437
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	52716
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004656
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	829.530029
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.0092999998
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	829.530029
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00092999998
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124.300003
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	124.300003
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6.30000019
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	88
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21364
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52716
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3796740682
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	829.530029
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000730000029
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	829.530029
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000452000007
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	124.300003
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	76.5999985
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.5999999
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	97.5999985
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	16683
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22497
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3796740682
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004656
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	829.530029
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.25999998e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	829.530029
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00092999998
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1300.41003		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MinOffset_HwDgg_M_f32	1286.55005 -537.75		
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.2000005		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000468000013		
VehDyn SLPHwAuth Uls M f32	0.189999998		
VehDyn_SLPHwPos_HwDeg_M_f32	411.549988		
VehDyn SrlHwAgVldTimer mS M u32	2659241984		
k_HiSpdVDAuthority_UIs_f32	0		
k_HwTqMgnThd_HwNm_f32	0.00120000006		
k_LoSpdVDAuthority_Uls_f32	1		
k_SrlHwAgVldTiThd_mS_u32	90		
k_SysKinRatio_MtrDegpHwDeg_f32	56.3300018		
k_TravelXCDeadband_Uls_f32	100		
k_TravelXCHwAuthority_Uls_f32	0.254274994		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2075080192		
target_GetSystemTime_mS_u32_CurrentTime	3323480832		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_ElapseTime\_mS\_u332\_ElapseTime\_mS\_u322\_ElapseTime\_mS\_u322\_ElapseTime\_$	Ti 123		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u30\_CurrentTim$	e 2659241984		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRac		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	vDeg_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_C target_VehDyn_Per1_VehicleSpeed_Kph_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-492.670013	5 <b>2</b>	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	920.870972		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.8499999		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.549988		
target VehDyn Per1 RelHwPos HwDeg f32.value	829.530029		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target VehDyn Per1 SrlHwAg HwDeg f32.value	411.549988		
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	-7.30000019		
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	500		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3323480832	3323480832	•
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	4004004656	4004004656	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	829.530029	829.530029 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	829.530029	829.530029 ± 0.0009	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc		0	
Volation AutoCateDatCad M. ate Filter/Unitialized Cat. Inc.	0	U	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0 0	0	•
VehDyn_AutoChtrDetSpd_M_str.Filter1hildanzed_Cht_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1		
	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0 1 3796740682	0 1 3796740682	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0 1 3796740682 4004004656 829.530029 829.530029	0 1 3796740682 4004004656	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0 1 3796740682 4004004656 829.530029 829.530029 0	0 1 3796740682 4004004656 829.530029 ± 0.0009 829.530029 ± 0.0009 0	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0 1 3796740682 4004004656 829.530029 829.530029 0	0 1 3796740682 4004004656 829.530029 ± 0.0009 829.530029 ± 0.0009 0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0 1 3796740682 4004004656 829.530029 829.530029 0 1	0 1 3796740682 4004004656 829.530029 ± 0.0009 829.530029 ± 0.0009 0 1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0 1 3796740682 4004004656 829.530029 829.530029 0 1 1	0 1 3796740682 4004004656 829.530029 ± 0.0009 829.530029 ± 0.0009 0 1 1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0 1 3796740682 4004004656 829.530029 829.530029 0 1 1 1 0 3796740682	0 1 3796740682 4004004656 829.530029 ± 0.0009 829.530029 ± 0.0009 0 1 1 0 3796740682	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0 1 3796740682 4004004656 829.530029 829.530029 0 1 1 1 0 3796740682 4004004656	0 1 3796740682 4004004656 829.530029 ± 0.0009 829.530029 ± 0.0009 0 1 1 1 0 3796740682 4004004656	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0 1 3796740682 4004004656 829.530029 829.530029 0 1 1 0 3796740682 4004004656 829.530029	0 1 3796740682 4004004656 829.530029 ± 0.0009 829.530029 ± 0.0009 0 1 1 0 3796740682 4004004656 829.530029 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0 1 3796740682 4004004656 829.530029 829.530029 0 1 1 1 0 3796740682 4004004656 829.530029 829.530029	0 1 3796740682 4004004656 829.530029 ± 0.0009 829.530029 ± 0.0009 0 1 1 0 3796740682 4004004656 829.530029 ± 0.0009 829.530029 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0 1 3796740682 4004004656 829.530029 829.530029 0 1 1 1 0 3796740682 4004004656 829.530029 829.530029	0 1 3796740682 4004004656 829.530029 ± 0.0009 829.530029 ± 0.0009 0 1 1 0 3796740682 4004004656 829.530029 ± 0.0009 829.530029 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0 1 3796740682 4004004656 829.530029 829.530029 0 1 1 0 3796740682 4004004656 829.530029 829.530029 1 0	0 1 3796740682 4004004656 829.530029 ± 0.0009 829.530029 ± 0.0009 0 1 1 0 3796740682 4004004656 829.530029 ± 0.0009 829.530029 ± 0.0009 829.530029 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0 1 3796740682 4004004656 829.530029 829.530029 0 1 1 1 0 3796740682 4004004656 829.530029 829.530029	0 1 3796740682 4004004656 829.530029 ± 0.0009 829.530029 ± 0.0009 0 1 1 0 3796740682 4004004656 829.530029 ± 0.0009 829.530029 ± 0.0009	





Name	Actual Value	Expected Value	Result
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	✓
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	920.870972	920.870972	~
VehDyn_MinOffset_HwDeg_M_f32	-492.670013	-492.670013	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	3.196172	3.196172 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2659241984	2659241984	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.189999998	0.189999998 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1241.08008	1241.07996 ± 0.1	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lame	Input Value
htrmnElapsedTime_mS_u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
SetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
tte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
tte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	554.200012
ehDyn_AutoChtrDetSpd_M_str.Wildver_MitrAdup3_i32	84.1999969
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrg_HwNm_f32	4.1999981
ehDyn_AutoChtrDetSpd_M_str.ChtrWindow HwDeg f32	52.2000008
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	2291
· - · ·	7778
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004656
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00931999995
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000931999995
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	456.600006
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	35.2999992
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.6000004
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	33198
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	7778
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004656
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000731999986
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000456000009
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	456.200012
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	86.3000031
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.19999981
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27074
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004656
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.28000014e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000931999995





Name	Input Value			
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0			
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1			
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1			
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1			
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1			
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1200.5			
VehDyn_HiSpdLearnt_Cnt_M_lgc	0			
VehDyn_Initialize_Cnt_M_lgc	1			
VehDyn_LoSpdLearnt_Cnt_M_lgc	0			
VehDyn_MaxOffset_HwDeg_M_f32	-1282.65002			
VehDyn_MinOffset_HwDeg_M_f32	-551.190002			
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.4000001			
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000468999991			
VehDyn_SLPHwAuth_Uls_M_f32	0.199000001			
VehDyn_SLPHwPos_HwDeg_M_f32	421.809998			
VehDyn_SrlHwAgVldTimer_mS_M_u32	2942063360			
k_HiSpdVDAuthority_Uls_f32	1			
k_HwTqMgnThd_HwNm_f32	1.10000002			
k_LoSpdVDAuthority_Uls_f32	0			
k_SrlHwAgVldTiThd_mS_u32	70			
k_SysKinRatio_MtrDegpHwDeg_f32	54.7799988			
k_TravelXCDeadband_Uls_f32	45.9799995			
k_TravelXCHwAuthority_Uls_f32	0.255499989			
target_DtrmnElapsedTime_mS_u32_ElapsedTime	954802432			
target_GetSystemTime_mS_u32_CurrentTime	71426560			
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u332\_ElapsedT$	5477			
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u332\_CurrentTim$	2942063360			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f3	32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32	2		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_t	32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRa	adpS_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_	<u>f</u> 32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority	_Uls_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_I	HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lge			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32			
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-500.390015			
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	915.302002			
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.96000004			
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.099976			
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1123.40002			
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1			
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	421.809998			
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.29999995			
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0			
target VehDyn Per1 VehicleSpeed Kph f32.value	499.049988			
Name	Actual Value	Expected Value	Result	
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1	1	- 100uii	
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	4004004656	4004004656		
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631	4211268631		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009		
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt Igc	1	1		
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1		
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt lgc	1	1	-	
	0	0		
VehDyn_AutoCotrHiSpd_M_str.Filter2Initialized_Cnt_lgc				
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	71426560	71426560		
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631	4211268631		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDog_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	0	0		
VehDyn_AutoCntrl oSpd_M_str.Filter2Initialized_Cnt_lgc	1	71426560	<b>~</b>	
VehDyn_AutoCntrl_oSpd_M_str.Timer1_mS_u32	71426560	71426560	<b>*</b>	
VehDyn_AutoCntrl_oSpd_M_str.Timer2_mS_u32	4211268631	4211268631		
VehDyn_AutoCntrl_oSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	1123.40002	1123.40002 ± 0.009	<b>*</b>	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	1123.40002	1123.40002 ± 0.009	-4	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	1		
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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	✓
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	-1282.65002	-1282.65002	~
VehDyn_MinOffset_HwDeg_M_f32	-551.190002	-551.190002	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.39978266	-5.39978266 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2942063360	2942063360	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600	1600 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	•

Name	Input Value
OtrmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
te_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	457.299988
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	176.300003
/ehDyn_AutoChtrDetSpd_M_str.VehSpd_kpin_i32	4.30000019
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.2999992
/ehDyn_AutoChtrDetSpd_M_str.Timer1Thresh_mS_u16	11226
/ehDyn_AutoChtrDetSpd_M_str.Timer?Thresh_mS_u16	60000
	164464918
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	
/ehDyn_AutoCottrDetSpd_M_str.Timer2_mS_u32	54822322
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	45.0099983
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000902 45.0099983
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000902
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	621
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	136.600006
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	1.10000002
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.0999985
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	26195
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	22037
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	164464918
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	45.0099983
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00070199999
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	45.0099983
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000395999989
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	621.400024
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	166.399994
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.34000015
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.3000002
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27074
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	164464918
/ehDyn AutoCntrLoSpd M str.Timer2 mS u32	54822322

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	45.0099983		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.98000003e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	45.0099983		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000902		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	497.970001		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	1272.70996		
VehDyn_MinOffset_HwDeg_M_f32	-497.429993		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	15.1999998		
VehDyn_PinTrqSV_M_str.K_Uls_f32 VehDyn_SLPHwAuth_Uls_M_f32	0.000453999994 0.064000003		
VehDyn SLPHwPos HwDeg M f32	267.910004		
VehDyn_SrlHwAgVldTimer_mS_M_u32	889845248		
k HiSpdVDAuthority Uls f32	1		
k_HwTqMgnThd_HwNm_f32	6.0999999		
k_LoSpdVDAuthority_Uls_f32	0		
k_SrlHwAgVldTiThd_mS_u32	45		
k_SysKinRatio_MtrDegpHwDeg_f32	52.2000008		
k_TravelXCDeadband_Uls_f32	20		
k_TravelXCHwAuthority_UIs_f32	0.237124994		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2659241984 1050692864		
target_GetSystemTime_mS_u32_CurrentTime target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	/Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAg HwDeg f32	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target VehDyn Per1 TorqueCmdCRF MtrN	lm f32	
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeedValid Cnt Igc	target_VehDyn_Per1_VehicleSpeedValid_Cr	<del>-</del>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3.		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-430.910004		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1440.10999		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	3.30999994		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.549988		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	45.0099983		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	267.910004 -1.60000002		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	499		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	164464918	164464918	<b>~</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322	54822322	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	45.0099983	45.0099983 ± 0.00009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	45.0099983	45.0099983 ± 0.00009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>V</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>V</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	2
VehDyn_AutoCntrDetSpd_M_str.Filter2initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1050692864	1050692864	<b>V</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322	54822322	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	45.0099983	45.0099983 ± 0.00009	<b>V</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	45.0099983	45.0099983 ± 0.00009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>V</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCatrl oSpd_M_str.Timer1_mS_u32	1050692864	1050692864	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322	54822322	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	45.0099983	45.0099983 ± 0.00009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	45.0099983	45.0099983 ± 0.00009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_MaxOffset_HwDeg_M_f32	1272.70996	1272.70996	~
VehDyn_MinOffset_HwDeg_M_f32	-475.920013	-475.920013	•
VehDyn_PinTrqSV_M_str.SV_Uls_f32	15.1945877	15.1945877 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	889845248	889845248	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	-
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	267.910004	267.910004 ± 0.1	<b>~</b>

Test Step Call Trace	et Step Call Trace			V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

rmnElapsedTime_mS_u32(ElapsedTime) etSystemTime_mS_u32(CurrentTime) e_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	Input Value target_DtrmnElapsedTime_mS_u32_ElapsedTime
, ,	
e_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target GetSystemTime mS u32 CurrentTime
	target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime
e_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
e_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
hDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	600.200012
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	64.1999969
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.2000008
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	41.2000008
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	38868
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	38708
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2160073393
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-378.170013
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000934000011
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-378.170013
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000934000011
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	566.5
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	75.5999985
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.6000004
hDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	97.5999985
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21335
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	34188
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4211268631
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2160073393
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-378.170013
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000734000001
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-378.170013
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00046000001
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
hDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	566.099976
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	96.0999985
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.30000019

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VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_ForceCenterEnabled_Cnt_M_lgc  0			
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_ForceCenterEnabled_Cnt_M_lgc  0	115 11268631 80073393 8.170013 0000029e-005 8.170013		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 4211 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2160 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -378. VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 7.300 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -378. VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_ForceCenterEnabled_Cnt_M_lgc 0	1268631 80073393 8.170013 0000029e-005 8.170013		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_ForceCenterEnabled_Cnt_M_lgc  0	50073393 8.170013 0000029e-005 8.170013		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -378. VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 7.300 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -378. VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_ForceCenterEnabled_Cnt_M_lgc 0	8.170013 0000029e-005 8.170013		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 7.300 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -378. VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_ForceCenterEnabled_Cnt_M_lgc 0	0000029e-005 8.170013		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -378. VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_ForceCenterEnabled_Cnt_M_lgc 0	8.170013		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_ForceCenterEnabled_Cnt_M_lgc 0			
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_ForceCenterEnabled_Cnt_M_lgc 0	00934000011		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc       0         VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc       0         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1         VehDyn_ForceCenterEnabled_Cnt_M_lgc       0			
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc       0         VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc       1         VehDyn_ForceCenterEnabled_Cnt_M_lgc       0			
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_ForceCenterEnabled_Cnt_M_lgc 0			
VehDyn_ForceCenterEnabled_Cnt_M_lgc 0			
7 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7			
	00.58997		
VehDyn_HiSpdLearnt_Cnt_M_lgc 1	00.00001		
VehDyn Initialize Cnt M Igc 1			
VehDyn_LoSpdLearnt_Cnt_M_lgc 1			
VehDyn_MaxOffset_HwDeg_M_f32 1278	'8.75		
VehDyn_MinOffset_HwDeg_M_f32 -564.	4.630005		
VehDyn_PinTrqSV_M_str.SV_Uls_f32 7.598	999999		
VehDyn_PinTrqSV_M_str.K_Uls_f32 0.000	0046999999		
VehDyn_SLPHwAuth_Uls_M_f32 0.208	08000004		
, = = = = = =	2.070007		
3 1 1 2 2	7829376		
k_HiSpdVDAuthority_UIs_f32			
_ ' '	999999		
k_LoSpdVDAuthority_Uls_f32			
k_SrlHwAgVldTiThd_mS_u32 456			
	0400009 8700008		
k TravelXCHwAuthority Uls f32	0700000		
	28878080		
	30672128		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTi 89			
	7829376		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target	get_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target	get_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target	get_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target	get_VehDyn_Per1_MotorVelCRF_MtrRadp\$	S_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target	get_VehDyn_Per1_RelHwPos_HwDeg_f32		
	get_VehDyn_Per1_SensorlessAuthority_Uls		
	get_VehDyn_Per1_SensorlessHwPos_HwD	leg_f32	
	get_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
	get_VehDyn_Per1_SrlHwAg_HwDeg_f32	. 422	
	get_VehDyn_Per1_TorqueCmdCRF_MtrNm get_VehDyn_Per1_VehicleSpeedValid_Cnt_		
	get_VehDyn_Per1_VehicleSpeed_Kph_f32		
	8.109985		
	0.732971		
	07000017		
0 = 7 = = 1	5.200012		
	8.170013		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value 1			
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value 432.0	2.070007		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value 5.599	999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value			
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 120.4	0.480003		
Name Actu	tual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 1		1	~
	1268631	4211268631	~
		2160073393	~
,		-378.170013 ± 0.0009	<b>V</b>
		-378.170013 ± 0.0009	· ·
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0		0	<b>*</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1		0	<b>✓</b>
,			~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1		1 2430672128	~
VehDvn AutoCntrHiSnd M str Timer1 mS u32		2160073393	Ž
, - ,		£ 100010000	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2160		378.170013 ± 0.0009	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2160 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -378.	8.170013	-378.170013 ± 0.0009 -378.170013 ± 0.0009	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2160 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -378.	8.170013 - 8.170013 -		





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631	4211268631	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2160073393	2160073393	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-378.170013	-378.170013 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-378.170013	-378.170013 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1278.75	1278.75	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-129.939972	-129.940002	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.59410906	7.59410906 ± 0.000009	•
VehDyn_SrlHwAgVldTimer_mS_M_u32	4077829376	4077829376	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.208000004	0.208000004 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	53.8999939	53.9000015 ± 0.1	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lame	Input Value
OtrmnElapsedTime mS u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime
Rte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	0
/ehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	554.099976
'ehDyn AutoCntrDetSpd M str.VehSpd kph f32	84.099985
ehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	4.0999999
ehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	52.099985
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	2291
ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	7778
ehDyn AutoCntrDetSpd M str.Timer1 mS u32	4004004656
ehDyn AutoCntrDetSpd M str.Timer2 mS u32	4211268631
ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1415.88
ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000936000026
ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1415.88
ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000936000026
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	456.700012
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	35.5400009
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.5
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75.5
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	33198
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	7778
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004656
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1415.88
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000736000016
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1415.88
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000464000012
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	456.299988
/ehDyn AutoCntrLoSpd M str.VehSpd kph f32	86.0999985

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VehDyn\_Per1



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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.0999999		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.0999985		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27074		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004656		
VehDyn_AutoCntrloSpd_M_str.Timer2_mS_u32	4211268631		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	-1415.88 7.31999971e-005		
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1415.88		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000936000026		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1000.67999		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	-1274.84998		
VehDyn_MinOffset_HwDeg_M_f32	-578.070007		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-5.4000001 0.000471000007		
VehDyn_PinTrqSV_M_str.K_Uls_f32 VehDyn_SLPHwAuth_Uls_M_f32	0.000471000007		
VehDyn SLPHwPos HwDeg M f32	442.329987		
VehDyn SrlHwAgVldTimer mS M u32	1117112832		
k HiSpdVDAuthority Uls f32	0		
k HwTqMgnThd HwNm f32	3.0999999		
k_LoSpdVDAuthority_Uls_f32	1		
k_SrlHwAgVldTiThd_mS_u32	3229		
k_SysKinRatio_MtrDegpHwDeg_f32	54.1399994		
k_TravelXCDeadband_Uls_f32	28.0100002		
k_TraveIXCHwAuthority_UIs_f32	1		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	824746752		
target_GetSystemTime_mS_u32_CurrentTime	2242866176		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_Elapsed$			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTin			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_HwTorque_HwNm_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_MotorVelCRF_MtrRa target_VehDyn_Per1_RelHwPos_HwDeg_f		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target VehDyn Per1 SensorlessAuthority		
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessHwPos HwDeg f32	target_VehDyn_Per1_SensorlessHwPos_H	<del>-</del>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f3:		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mtr	·Nm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_0	Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f	732	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-515.830017		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	904.164001		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-5.17999983		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.299988		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1415.88		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	442.329987		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.29999995		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value	499.640015		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value		Francisco Volus	Decul
Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	Actual Value	Expected Value	Resul
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2242866176	2242866176	
VehDyn_AutoCntrDetSpd_M_str.Timer1_m5_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631	4211268631	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1415.88	-1415.88 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1415.88	-1415.88 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004656	4004004656	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631	4211268631	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1415.88	-1415.88 ± 0.009	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1415.88	-1415.88 ± 0.009	

-1415.88

 $VehDyn\_AutoCntrHiSpd\_M\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32$ 

-1415.88 ± 0.009



Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631	4211268631	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1415.88	-1415.88 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1415.88	-1415.88 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>~</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>~</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	904.164001	904.164001	~
VehDyn_MinOffset_HwDeg_M_f32	-515.830017	-515.830017	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.39988518	-5.39988518 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1117112832	1117112832	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-415.200012	-415.200012 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Name	Input Value
OtrmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.300003
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.2999992
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.3000002
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.2999992
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58869
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1081.09998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000937999983
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1081.09998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000937999983
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	159.600006
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	68
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.6000004
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
/ehDyn AutoCntrHiSpd M str.Timer1 mS u32	1024
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1081.09998
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000737999973
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1081.09998
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000468000013
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1

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VehDyn\_Per1



- VenByn_r err			(-4-16-16
Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	412		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	106.300003		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.1000004		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442		
VehDyn_AutoCntrl_oSpd_M_str.Timer1_mS_u32	1024 54822322		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1081.09998		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.33999987e-005		
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1081.09998		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000937999983		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-900.77002		
VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize Cnt_M_lqc	0		
, = = = = = = = = = = = = = = = = = = =	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	1270.94995		
VehDyn MinOffset HwDeg M f32	-591.51001		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.5		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000472000014		
VehDyn_SLPHwAuth_Uls_M_f32	0.225999996		
VehDyn_SLPHwPos_HwDeg_M_f32	452.589996		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1736795392		
k_HiSpdVDAuthority_Uls_f32	1		
k_HwTqMgnThd_HwNm_f32	4.0999999		
k_LoSpdVDAuthority_Uls_f32	0		
k_SrlHwAgVldTiThd_mS_u32	987		
k_SysKinRatio_MtrDegpHwDeg_f32	63.8699989		
k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32	31.1499996 0.300000012		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	309385728		
target_GetSystemTime_mS_u32_CurrentTime	2269150976		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_Elapsed			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTir			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_	f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f	32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_Mtrl	· <del>-</del>	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg	_	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthorit		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SensorlessHwPos_ target_VehDyn_Per1_SrlHwAgVld_Cnt_I		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target VehDyn Per1 SrlHwAg HwDeg		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_M		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-523.549988		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	898.594971		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-5.28999996		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-456.579987		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1081.09998		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	452.589996		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	0 230.119995		
Name	Actual Value	Expected Value	Resu
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	Resu
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024	1024	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322	54822322	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1081.09998	-1081.09998 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1081.09998	-1081.09998 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2269150976	2269150976	
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	54822322	54822322	· · · · · · · · · · · · · · · · · · ·

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1081.09998	-1081.09998 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1081.09998	-1081.09998 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	-
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2269150976	2269150976	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322	54822322	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1081.09998	-1081.09998 ± 0.009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1081.09998	-1081.09998 ± 0.009	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	-
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	-
VehDyn_Initialize_Cnt_M_lgc	1	1	-
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_MaxOffset_HwDeg_M_f32	1270.94995	1270.94995	~
VehDyn_MinOffset_HwDeg_M_f32	557.549988	557.549988	•
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.49676108	1.49676108 ± 0.000009	•
VehDyn_SrlHwAgVldTimer_mS_M_u32	1736795392	1736795392	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-180.329956	-180.330002 ± 0.1	•

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	-
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	<b>~</b>

Name	Input Value
DtrmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime
Rte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Iqc	0
/ehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	457.200012
/ehDyn AutoCntrDetSpd M str.VehSpd kph f32	34.2000008
/ehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	12.1999998
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	88.199969
VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	20423
/ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	18715
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	448.100006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00093999998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	448.100006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00093999998
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	10.5
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	45.5999985
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.5
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	42.5999985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	29076
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	43868
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	448.100006
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000739999989
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	448.100006
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000472000014

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Name	Input Value		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	10.1000004		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	116.099998		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.3000002		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	53.0999985		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21364		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52716		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	448.100006		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.36000002e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	448.100006		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000939999998		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-800.859985		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	-1267.05005		
VehDyn_MinOffset_HwDeg_M_f32	-604.950012		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000002		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000472999993		
VehDyn_SLPHwAuth_Uls_M_f32	0.234999999		
VehDyn_SLPHwPos_HwDeg_M_f32	-1600		
VehDyn_SrlHwAgVldTimer_mS_M_u32	3437401088		
k_HiSpdVDAuthority_Uls_f32	0		
k_HwTqMgnThd_HwNm_f32	5.0999999		
k_LoSpdVDAuthority_Uls_f32	1		
k_SrlHwAgVldTiThd_mS_u32	16445		
k_SysKinRatio_MtrDegpHwDeg_f32	88.4499969		
k_TravelXCDeadband_Uls_f32	34.2900009		
k_TravelXCHwAuthority_Uls_f32	0.243249997		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	34		
target_GetSystemTime_mS_u32_CurrentTime	3533260288		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT	2644937728		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	3437401088		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRac		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_l	_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_C		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-531.27002		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	893.026001		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-5.4000001		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	324.5		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	448.100006		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1000		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	245.309998		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322	54822322	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024	1024	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	448.100006	448.100006 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	448.100006	448.100006 ± 0.0009	~
VehDvn_AutoCntrDetSnd_M_str_Filter1Enable_Cnt_lac	0	0	<b>✓</b>

0

0

0

0

 $VehDyn\_AutoCntrDetSpd\_M\_str.Filter1Enable\_Cnt\_lgc$ 





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322	54822322	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024	1024	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	448.100006	448.100006 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	448.100006	448.100006 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322	54822322	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024	1024	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	448.100006	448.100006 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	448.100006	448.100006 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	893.026001	893.026001	~
VehDyn_MinOffset_HwDeg_M_f32	-531.27002	-531.27002	•
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1.60182357	-1.60182357 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	3437401088	3437401088	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1248.95996	1248.95996 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	<b>~</b>

Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	580.200012
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	76.1999969
VehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	12.1999998
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	97.1999969
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000907999987
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000907999987
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	138.100006
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	166.699997
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	19.5
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	25.6000004
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	10412
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3277
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.09998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000707999978

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Name	Input Value		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000407999993		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	138.100006		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	196		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.2000008		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.4000015		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	40437		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	13059		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	328928812		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.PollHyppositt4SV_Hyppos_str.SV_Lilo_f33	1078320779		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	-1482.09998 7.03999976e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.09998		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000907999987		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	797.700012		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	1287.68604		
VehDyn_MinOffset_HwDeg_M_f32	-517.590027		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.20000005		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000456999987		
VehDyn_SLPHwAuth_Uls_M_f32	0.0909999982		
VehDyn_SLPHwPos_HwDeg_M_f32	1600		
VehDyn_SrlHwAgVldTimer_mS_M_u32	110169728		
k_HiSpdVDAuthority_UIs_f32	0.99000001		
k_HwTqMgnThd_HwNm_f32	9.10000038		
k_LoSpdVDAuthority_UIs_f32	1		
k_SrlHwAgVldTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32	1385 88 8700027		
k TravelXCDeadband Uls f32	88.8700027 34.2900009		
k TravelXCHwAuthority Uls f32	0.240799993		
target DtrmnElapsedTime mS u32 ElapsedTime	1736795392		
target_GetSystemTime_mS_u32_CurrentTime	2075080192		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi			
target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	Jls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Ci	<del></del>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-360		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	982.130005		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-3.6400001 325.5		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1482.09998		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	-1462.09996		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	298.690002		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	298.690002 1.29999995		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	245		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	J
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812	328928812	
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	1078320779	1078320779	-
VID 4 10 10 10 114 1 D III D 57140VII D 1 10VIII 600	4.00.0000	4400 00000 + 0 000	4

-1482.09998

-1482.09998

 $VehDyn\_AutoCntrDetSpd\_M\_str.RelHwPosFilt1SV\_HwDeg\_str.SV\_Uls\_f32$ 

VehDyn\_AutoCntrDetSpd\_M\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32

-1482.09998 ± 0.009

-1482.09998 ± 0.009





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2075080192	2075080192	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779	1078320779	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.09998	-1482.09998 ± 0.009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998	-1482.09998 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	328928812	328928812	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779	1078320779	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.09998	-1482.09998 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998	-1482.09998 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	982.130005	982.130005	~
VehDyn_MinOffset_HwDeg_M_f32	-360	-360	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	3.19688082	3.19688082 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	110169728	110169728	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.99000001	0.99000001 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0	0 ± 0.1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 CheckpointReached	1	_

Test Step 2.219 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	533.299988
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	88.3000031
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.29999995
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	10.3000002
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36612
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	164464918
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1210.59998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000944000029
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1210.59998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000944000029
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86.5999985
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	129.100006
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.5999999
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	53.0999985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	40437
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	13059
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	164464918
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779

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Name  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32			
VehDvn_AutoCntrHiSnd_M_str_PalHwPosFilt1S\/_HwDag_str_S\/_Llls_f32	Input Value		
voneyn_natoonarnopa_w_sa.txeiriwr osi iit iov_riwDey_str.ov_Uis_io2	1210.59998		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000744000019		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1210.59998		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000479999988		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	86.0999985		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	136.100006		
	16.2999992		
VehDyn_AutoCntrloSpd_M_str.FiltPinTrq_HwNm_f32	96.099985		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32			
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21335		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	34188		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	164464918		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1210.59998		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.40000032e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1210.59998		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000944000029		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-601.039978		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn LoSpdLearnt Cnt M Igc	1		
VehDyn_MaxOffset_HwDeg_M_f32	1259.25		
VehDyn MinOffset HwDeg M f32	-631.830017		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7999992		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000475000008		
VehDyn_SLPHwAuth_Uls_M_f32	0.252999991		
VehDyn_SLPHwPos_HwDeg_M_f32	0		
	2024341760		
VehDyn_SrlHwAgVldTimer_mS_M_u32			
k_HiSpdVDAuthority_Uls_f32	0		
k_HwTqMgnThd_HwNm_f32	7.0999999		
k_LoSpdVDAuthority_UIs_f32	1		
k_SrlHwAgVldTiThd_mS_u32	4891		
k_SysKinRatio_MtrDegpHwDeg_f32	32.5		
k_TravelXCDeadband_Uls_f32	40.5699997		
k_TravelXCHwAuthority_Uls_f32	0.267749995		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	55466		
target_GetSystemTime_mS_u32_CurrentTime	3437401088		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_ms\_u32\_ElapsedTime\_ms\_u32\_ElapsedTime\_ms\_u32\_ElapsedTime\_ms\_u32\_ElapsedTime\_ms\_u32\_ElapsedTime\_ms\_u332\_ElapsedT$	2059598336		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	463842816		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target VehDyn Per1 SrlHwAgVld Cnt Igc	<del></del>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target VehDyn Per1 SrlHwAg HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	Im f32	
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeedValid Cnt Igc	target_VehDyn_Per1_VehicleSpeedValid_Ci		
target_Rte_inst_Ap_venDyn.VenDyn_Per1_venideSpeed_Valid_Cnt_igc  target_Rte_inst_Ap_vehDyn.VehDyn_Per1_vehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3		
target_Rte_inst_Ap_venDyn_VenDyn_Peri_venicleSpeed_Rpn_f32 target_VehDyn_Peri_CcwEOT_HwDeg_f32.value	-546.710022	<u></u>	
· · · · - · - · - · · -			
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	881.888		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-5.61999989		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-147.600006		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1210.59998		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	10		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.19999981		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	398.329987		
	Actual Value	Expected Value	Result
Name			
Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
	0 3437401088	0 3437401088	<i>y</i>





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1210.59998	1210.59998 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1210.59998	1210.59998 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	✓
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	✓
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	164464918	164464918	✓
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779	1078320779	✓
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1210.59998	1210.59998 ± 0.009	✓
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1210.59998	1210.59998 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	✓
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	✓
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	164464918	164464918	✓
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779	1078320779	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1210.59998	1210.59998 ± 0.009	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1210.59998	1210.59998 ± 0.009	✓
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	✓
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	✓
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	✓
VehDyn_MaxOffset_HwDeg_M_f32	-328.711975	-328.712006	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-631.830017	-631.830017	✓
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7889938	17.7889957 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2024341760	2024341760	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	10	10 ± 0.1	<b>✓</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTim
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	570.200012
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	76.1999969
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.19999981
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	25.2000008
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	49475
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22037
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-10.3400002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000945999986
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-10.3400002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000945999986
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	75.5
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	88.0999985
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.2000008
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.0999985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-10.3400002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000745999976
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-10.3400002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000483999989
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	75.3000031
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	146
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.1000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	45.2999992
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrloSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrloSpd_M_str.BolkhyDosEilt4SV_HyDos_str.SV_Lllo_f33	2138628886 -10.3400002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.41999975e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-10.3400002
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000945999986
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	-501.130005
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-1255.34998
VehDyn_MinOffset_HwDeg_M_f32	-645.27002
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-7
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000475999987
VehDyn_SLPHwAuth_Uls_M_f32	0.261999995
VehDyn_SLPHwPos_HwDeg_M_f32	1456.47998
VehDyn_SrlHwAgVldTimer_mS_M_u32	2056644736
k_HiSpdVDAuthority_UIs_f32	1
k_HwTqMgnThd_HwNm_f32	8.10000038
k_LoSpdVDAuthority_UIs_f32	0
k_SrlHwAgVldTiThd_mS_u32	91986
k_SysKinRatio_MtrDegpHwDeg_f32 k_TraveIXCDeadband_Uls_f32	52.7000008 43.7099991
k_TravelXCHwAuthority_Uls_f32	0.280000001
target_DtrmnElapsedTime_mS_u32_ElapsedTime	123
target_GetSystemTime_mS_u32_CurrentTime	3494315776
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg f32	target VehDyn Per1 CwEOT HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-554.429993
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	876.31897
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-5.73000002
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	88.5999985
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-10.3400002
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	156.479996
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.39999962
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	489.125
Name	Actual Value Expected Value Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1 1





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	219286216	219286216	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886	2138628886	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-10.3400002	-10.3400002 ± 0.00009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-10.3400002	-10.3400002 ± 0.00009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3494315776	3494315776	✓
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886	2138628886	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-10.3400002	-10.3400002 ± 0.00009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-10.3400002	-10.3400002 ± 0.00009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3494315776	3494315776	✓
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886	2138628886	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-10.3400002	-10.3400002 ± 0.00009	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-10.3400002	-10.3400002 ± 0.00009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	✓
VehDyn_MaxOffset_HwDeg_M_f32	876.31897	876.31897	~
VehDyn_MinOffset_HwDeg_M_f32	-554.429993	-554.429993	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-6.99947119	-6.99947119 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2056644736	2056644736	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	490.790009	490.790009 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.221 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime
Rte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn
VehDyn AllowHiSpdAutoCntr Cnt M lgc	1
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	497.100006
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	86.099985
VehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	6.0999999
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	86.099985
VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	43128
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	3186
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	274107514
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	2345892860
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-6.48000002
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000948000001
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-6.48000002
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000948000001
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt lgc	0
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	1
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	98.0999985
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	76.5999985

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.5999985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892860
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-6.48000002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000747999991
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-6.48000002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000487999991
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	0
VehDyn_AutoCntrloSpd_M_str.MtrVel_MtrRadpS_f32	98.0999985
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	156.100006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.2999995
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	78.099985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	34738
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36612
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892860
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-6.48000002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.439999e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-6.48000002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000948000001
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	-401.220001
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1251.44995
VehDyn_MinOffset_HwDeg_M_f32	-658.710022 6.20000010
VehDyn_PinTrqSV_M_str.SV_UIs_f32	6.30000019 0.000476999994
VehDyn_PinTrqSV_M_str.K_Uls_f32 VehDyn_SLPHwAuth_Uls_M_f32	0.270999998
VehDyn_SLPHwPos_HwDeg_M_f32	-147.25
VehDyn SrlHwAgVldTimer mS M u32	963095040
k HiSpdVDAuthority UIs f32	0
k HwTqMgnThd HwNm f32	9.10000038
k_LoSpdVDAuthority_UIs_f32	1
k SrlHwAgVldTiThd mS u32	12
k_SysKinRatio_MtrDegpHwDeg_f32	10.3999996
k_TravelXCDeadband_Uls_f32	46.8499985
k_TravelXCHwAuthority_Uls_f32	0.292250007
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2167769344
target_GetSystemTime_mS_u32_CurrentTime	463842816
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS_u32\_ElapsedTime\_mS_u32\_ElapsedTime\_mS_u32\_ElapsedTime\_mS_u332\_Elapse$	2659241984
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	1662097408
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-562.150024 970.75
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	870.75 5.84000015
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-5.84000015 -75.5
target_VehDyn_Per1_MotorVeiCRF_IntrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-6.48000002
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-147.25
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001
gg.,	1





Name	Input Value		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	500.040009		
Name	Actual Value	Expected Value	Resul
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	274107514	274107514	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892860	2345892860	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-6.48000002	-6.48000002 ± 0.000009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-6.48000002	-6.48000002 ± 0.000009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	274107514	274107514	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	463842816	463842816	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-6.48000002	-6.48000002 ± 0.000009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-6.48000002	-6.48000002 ± 0.000009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514	274107514	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892860	2345892860	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-6.48000002	-6.48000002 ± 0.000009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-6.48000002	-6.48000002 ± 0.000009	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	•
VehDyn_Initialize_Cnt_M_lgc	1	1	•
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	•
VehDyn_MaxOffset_HwDeg_M_f32	877.22998	877.22998	•
VehDyn_MinOffset_HwDeg_M_f32	-555.670044	-555.669983	•
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.29443407	6.29443407 ± 0.000009	•
VehDyn_SrlHwAgVldTimer_mS_M_u32	963095040	963095040	
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	•
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	-147.25	-147.25 ± 0.1	•

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	~

Test Step 2.222 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	31.2000008
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	96.1999969
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.19999981
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	56.2000008
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53759
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	30349
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.170013
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000950000016
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.170013
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000950000016
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	66.3300018
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	86.0999985
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	12.2299995
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	45.0999985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.170013
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000750000007
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.170013
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000492000021
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1 0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	66.3000031
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	126.300003
VehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	5.0999999
VehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	96.3000031
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	37799
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	41632
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.170013
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.46000005e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.170013
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000950000016
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	-301.309998
VehDyn_HiSpdLearnt_Cnt_M_lgc	
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1247 55005
VehDyn_MaxOffset_HwDeg_M_f32	-1247.55005 -672.150024
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	15.1999998
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000478000002
VehDyn_SLPHwAuth_Uls_M_f32	0
VehDyn SLPHwPos HwDeg M f32	-154.25
VehDyn_SrlHwAgVldTimer_mS_M_u32	1117112832
k_HiSpdVDAuthority_UIs_f32	0
k HwTqMgnThd HwNm f32	0.119999997
k LoSpdVDAuthority Uls f32	0
k_SrlHwAgVldTiThd_mS_u32	45
k_SysKinRatio_MtrDegpHwDeg_f32	25.4500008
k_TravelXCDeadband_Uls_f32	49.9900017
k_TravelXCHwAuthority_Uls_f32	0.304500014
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3714197504
target_GetSystemTime_mS_u32_CurrentTime	1759885568
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS_u32\_ElapsedTime\_mS_u32\_ElapsedTime\_mS_u32\_ElapsedTime\_mS_u332\_Elapse$	2942063360
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	1117112832
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	target_VehDyn_Per1_VehicleSpeed_Kph_f32 -569.869995
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	-509.009995 865.18103
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-5.94999981
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154.5
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Name	Input Value		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-444.170013		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-154.25		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	75.0699997		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812	328928812	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835	2553156835	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.170013	-444.170013 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.170013	-444.170013 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1759885568	1759885568	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835	2553156835	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.170013	-444.170013 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.170013	-444.170013 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	328928812	328928812	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835	2553156835	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.170013	-444.170013 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.170013	-444.170013 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	✓
VehDyn_MaxOffset_HwDeg_M_f32	865.18103	865.18103	~
VehDyn_MinOffset_HwDeg_M_f32	-569.869995	-569.869995	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	15.189806	15.189806 ± 0.00009	<b>✓</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	1117112832	1117112832	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0	0 ± 0.004	<b>✓</b>
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-598.420044	-598.419983 ± 0.1	<b>✓</b>

Test Step Call Trace			<b>✓</b>	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.223 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	290.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.199997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	54.2000008
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3277
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	383750110
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000951999973
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000951999973

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	341
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96.1999969
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	78.1999969
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	20423 31368
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	383750110
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000752000022
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000495999993
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	34.099985
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	136.100006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	1.29999995 32.099985
VehDyn_AutoCntrLoSpd_M_str.CntrVvindow_HwDeg_r32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	32.0999985 26195
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	22037
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	383750110
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.4800002e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000951999973
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32 VehDyn_HiSpdLearnt_Cnt_M_lgc	-201.399994 1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn LoSpdLearnt Cnt M Igc	1
VehDyn MaxOffset HwDeg M f32	1243.65002
VehDyn MinOffset HwDeg M f32	-685.590027
VehDyn_PinTrqSV_M_str.SV_UIs_f32	14
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000479000009
VehDyn_SLPHwAuth_Uls_M_f32	1
VehDyn_SLPHwPos_HwDeg_M_f32	45.7999992
VehDyn_SrlHwAgVldTimer_mS_M_u32	2127166208
k_HiSpdVDAuthority_UIs_f32	1
k_HwTqMgnThd_HwNm_f32	5.4499981
k_LoSpdVDAuthority_UIs_f32 k_SrlHwAgVIdTiThd_mS_u32	1 65
k_SysKinRatio_MtrDegpHwDeg_f32	65 86.5
k TravelXCDeadband Uls f32	53.1300011
k TravelXCHwAuthority Uls f32	0.31674999
target DtrmnElapsedTime mS u32 ElapsedTime	3323480832
target_GetSystemTime_mS_u32_CurrentTime	1662097408
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u32_ElapsedTime_mS_u332_E	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_venDyn.VenDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-577.590027
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	859.612
	1





Name	Input Value		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	6		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.25		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1146.91003		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	45.7999992		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	99.9899979		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M lgc	1	1	~
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	383750110	383750110	<b>✓</b>
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	2760420809	2760420809	-
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1146.91003	1146.91003 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	_
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt Igc	0	0	<b>✓</b>
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0	0	
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1	1	_
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	1	1	_
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1662097408	1662097408	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809	2760420809	_
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	_
VehDyn AutoCntrHiSpd M str.Filter1Enable Cnt Igc	0	0	<b>✓</b>
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	1	1	
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	383750110	383750110	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809	2760420809	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	-
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	_
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1	1	
VehDyn HiSpdLearnt Cnt M Igc	1	1	<b>✓</b>
VehDyn Initialize Cnt M Igc	1	1	_
VehDyn LoSpdLearnt Cnt M Igc	1	1	<b>✓</b>
VehDyn MaxOffset HwDeg M f32	-287.298035	-287.298004	_
VehDyn MinOffset HwDeg M f32	-685.590027	-685.590027	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.9961948	13.9961948 ± 0.00009	
VehDyn SrlHwAgVldTimer mS M u32	2127166208	2127166208	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	1348.31006	1348.31006 ± 0.1	_

Test Step Call Trace			<b>✓</b>	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	<b>~</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	-
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.224 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.199997
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.0999985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.3000002
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58869
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000961999991

2015-09-15, 13:22:52+0530



Vestory, Autocommoder, M., et Residence Harry, Factor, park, Jun., p. 20  Vestory, Autocommoder, M., et Residence Harry, Factor, park, Jun., p. 20  Vestory, Autocommoder, M., et Residence Coulty  Vestory, Autocommoder, M., et Residence, M., et Residenc	Name	Input Value
VanDyn_Audicrindes		·
Verbys, Auconardes, J. J. P. Her Frank, Circ. 1982  Verbys, Auconardes, J. J. P. Her Frank, Circ. 1982  Verbys, Auconardes, J. J. P. Her Frank, Circ. 1982  Verbys, Auconardes, J. J. P. Her Frank, Circ. 1982  Verbys, Auconardes, J. J. P. Her Frank, Circ. 1982  Verbys, Auconardes, J. J. P. Her Frank, Circ. 1982  Verbys, Auconardes, J. J. P. Werbys, J. P. Lewis, J. P. Lewis, Circ. 1983  Verbys, Auconardes, J. J. P. Werbys, J. P. Lewis, J. Lewis, J. P. Lewis, J. Lewis, J. P. Lewis, J. Lewis, J. P. Lewis, J. P. Lewis, J. P. Lewis, J. Lewis		
VenDry		
Verby, AutoComesing M. st. Pitter Timistand Crit. Ige  Verby, AutoComesing M. st. Pitter Timistand Crit. Ige  Verby, AutoComesing M. st. Pitter Times M. St. 198  Verby, AutoComesing M. st. Pitter Times M. 198		
Verby, AutoContesting M. M. Marve, Mindess, 192   1990000000000000000000000000000000000		
Verbijn, Auscheristisch ist verbische bin 22  verbijn, Auscheristisch ist verbische bin 22  verbijn, Auscheristisch ist verbische bin 25  verbijn, Auscheristisch ist verbische bin 25  verbijn, Auscheristisch ist verbische bin 25  verbijn, Auscheristisch ist verbische binder gestellter in der verbische auswerbeit verbin verbische auswerbeit ver		
VeliDy AutoCrief Sept   1, 11 Verilor Sept   1, 12 VeliDy AutoCrief Sept   1, 11 VeliDy AutoCr		
Verbiling-Authoritisety II, yet Perfent Tyrethyne, 120 Verbiling-Authoritisety II, yet Cerebrone, button, 120 Verbiling-Authoritisety II, yet Terest Threath, ref., util Verbiling-Authoritisety II, yet Terest Threath, ref., util Verbiling-Authoritisety II, yet Terest Threath, ref., util Verbiling-Authoritisety II, yet Terest II, yet Undergraf SV, Unit Co. Verbiling-Authoritisety III, yet Terest III, yet Undergraf SV, Unit Co. Verbiling-Authoritisety III, yet Terest III, yet Undergraf SV, Unit Co. Verbiling-Authoritisety III, yet Terest III, yet Undergraf SV, Unit Co. Verbiling-Authoritisety III, yet Terest III, yet Undergraf SV, Unit Co. Verbiling-Authoritisety III, yet Terest III, yet III,		
Veloty   AutoChristics   Just Timer Timer   AutoChristics   Just Timer Timer   AutoChristics   Just Timer Timer   AutoChristics   Just Timer   AutoChrisitics   Just Timer   AutoChristics   Just Timer   AutoChristics		16.6000004
VerDign_Absocinetings_M_abs_Timer_Ins_uss_2   VerDign_Absocineting_M_abs_Timer_Ins_uss_2   VerDign_		86.0999985
VADDA, MACKONHSBOD, M. & Thimsel, m. By. 122         5822222           VARIDA, MACKONHSBOD, M. & Thimselvestist ISV, Julius gas V. Julius, 122         14504 40002           VARIDA, MACKONHSBOD, M. & The Relievestist ISV, Julius gas V. Julius, 122         14504 40002           VARIDA, MACKONHSBOD, M. & The Relievestist ISV, Julius gas V. Julius, 122         14504 40002           VARIDA, MACKONHSBOD, M. & The Relievestist ISV, Julius gas W. Julius, 122         14504 40002           VARIDA, MACKONHSBOD, M. & Thimselford ISSV, Julius gas W. Julius, 122         14504 40002           VARIDA, MACKONHSBOD, M. & Thimselford ISSV, Julius gas W. Julius, 122         10           VARIDA, MACKONHSBOD, M. & Thimselford Issue, 102         1           VARIDA, MACKONHSBOD, M. & Thimselford, 102         1	VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
VARIDAD AND CONTRIGED M. M. STANDARD TOST JUNE 102   VARIDAD AND CONTRIGED M. STANDARD M. STANDARD CONTRIGED M. STANDARD M. STANDARD CONTRIGED M. STANDARD M. STANDARD M. STANDARD CONTRIGED M. STANDARD M. STANDARD CONTRIGED M. STANDARD M. STANDA	VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
ValDyn, Ausconitristigod, M. at Pathwise Path Vylan (1922 v. 1149). 400002  VanDyn, Ausconitristigod, M. at Pathwise Path Vylanding, and Vylan, 1922 v. 1149). 400002  VanDyn, Ausconitristigod, M. at Pathwise Pathwise Vylanding, and Vylanding, 1920 v. 1149, 400002  VanDyn, Ausconitristigod, M. at Pathwise Pathwise Crit. Igo 0  VanDyn, Ausconitristigod, M. at Pathwise Pathwise Crit. Igo 0  VanDyn, Ausconitristigod, M. at Pathwise Pathwise Crit. Igo 0  VanDyn, Ausconitristigod, M. at Pathwise Pathwise Crit. Igo 0  VanDyn, Ausconitristigod, M. at Pathwise Pathwise Crit. Igo 0  VanDyn, Ausconitristigod, M. at Pathwise Pathwise Crit. Igo 0  VanDyn, Ausconitristigod, M. at Pathwise Pathwise Pathwise Crit. Igo 0  VanDyn, Ausconitristigod, M. at Pathwise Pat	VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
VenDup_AusContribige_M_st	VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VARDAM ARCOMENSOEM, M. as Pitter Printing W. Horbeg, ast X. U. is. 192 VARDAM ARCOMENSOEM, M. as Pitter Printing C. M. igo VARDAM ARCOMENSOEM, M. as Pitter Printing C. M. igo VARDAM ARCOMENSOEM, M. as Pitter Printing C. M. igo VARDAM ARCOMENSOEM, M. as Pitter Printing C. M. igo VARDAM ARCOMENSOEM, M. as Pitter Printing C. M. igo VARDAM ARCOMENSOEM, M. as VARDAM igo M. igo VARDAM ARCOMENSOEM, M. igo	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002
Vicinity AutoChitisSed M. at Filter Entente Critique	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000761999981
Verbirp, Ausconffeliged, M. at FilterStreams, Critigs:  Verbirp, Ausconffeliged, M. at FilterStream, St. (16)  Verbirp, Ausconffeliged, M. at FilterStream, St. (17)  Verbirp, Ausconffeliged, M. at FilterStreams, Critigge  Verbirp, Macrostreams, M. at St. (18)  Verbirp, Macrostreams, M. at St. (18)  Verbirp, Macrostreams, Verbirp, M. at Verbirp, M. at Verbirp, M. at Verbirp, M. a	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	
Verbity-, Auscinitisept M. art Piller Tiller (1962)		
VerDiny, AutScorth Spd, M. spritter Initiatized Crt. Up  VerDiny, National Crt. AutScorth Spd, M. spritter Initiatized Crt. Up  VerDiny, National Crt. M. Up  V		1
ValDyn AutoContisor M. yet Niver Valterians   S12		
VebDyn, AutoContacSept M, Mar Moreily Mr. 122         412 70012           VebDyn, AutoContacSept M, Sar Fillming Howth, 122         10 1000004           VebDyn, AutoContacSept M, Sar Fillming Howth, 122         10 1000004           VebDyn, AutoContacSept M, Sar Timer Threat, mS, 116         1332           VebDyn, AutoContacSept M, Sar Timer Threat, mS, 116         1442           VebDyn, AutoContacSept M, Sar Timer L, mS, 118         1442           VebDyn, AutoContacSept M, Sar Timer L, mS, 118         1442           VebDyn, AutoContacSept M, Sar Timer L, mS, 118         1442           VebDyn, AutoContacSept M, Sar ReinHore Timer J, McDeg, str. SV, Us, 122         1458 40002           VebDyn, AutoContacSept M, Sar ReinHore Timer S, McDeg, str. SV, Us, 122         1458 40002           VebDyn, AutoContacSept M, Sar ReinHore Timer S, McDeg, str. SV, Us, 122         1458 40002           VebDyn, AutoContacSept M, Sar ReinHore Times C, mt Ige         0           VebDyn, AutoContacSept M, Sar ReinHore Times C, mt Ige         0           VebDyn, AutoContacSept M, Sar Filler Times C, mt Ige         0           VebDyn, AutoContacSept M, Sar Filler Times C, mt Ige         0           VebDyn, AutoContacSept M, Sar Filler Times C, mt Ige         0           VebDyn, AutoContacSept M, Sar Filler Times C, mt Ige         0           VebDyn, AutoContacSept M, Sar Filler Times C, mt Ige         0		
VARDIN, AUSCINITLOSEO, M. J. FILIPENT, INVENTIG         10.1000004           VARDIN, AUSCINITLOSEO, M. J. STIMENT, INVENTIG         10.1000004           VARDIN, AUSCINITLOSEO, M. J. STIMENT, INVENTIG         133322           VARDIN, AUSCINITLOSEO, M. J. STIMENT, INVENTIGAN, INVENTIGATION         133422           VARDIN, AUSCINITLOSEO, M. J. STIMENT, INVENTIGAN, INVENTIGATION         1442           VARDIN, AUSCINITLOSEO, M. J. STIMENT, INVENTIGATION,	·	
VehDry, AusContis Sed M. str. Filminite, Hwhin, fize         10.00004           VehDry, AusContis Sed M. str. Timer Threet, m.S. u16         12.899998           VehDry, AusContis Sed M. str. Timer Threet, m.S. u16         1442           VehDry, AusContis Sed M. str. Timer Time Ling Su2         1024           VehDry, AusContis Sed M. str. Timer Time Ling Su2         1024           VehDry, AusContis Sed M. str. Str. West Su2         14823022           VehDry, AusContis Sed M. str. Str. West Su2 Su2         148240002           VehDry, AusContis Sed M. str. Str. West Su2 Su2         148240002           VehDry, AusContis Sed M. str. Str. West Su2 Su2 Su2         148240002           VehDry, AusContis Sed M. str. Str. West Su2 Su2 Su2         148240002           VehDry, AusContis Sed M. str. Str. Str. Str. Str. Str. Str. Str. S		
VPOIDYD, AutConft LSSpd. M. Str Driver Threeth, m.S. J16         1332           VPOIDY, AutConft LSSpd. M. str Timer 2 Threeth, m.S. J16         1442           VPOIDY, AutConft LSSpd. M. str Timer 1 m.S. J16         1442           VPOIDY, AutConft LSSpd. M. str Timer 1 m.S. J16         1424           VPOIDY, AutConft LSSpd. M. str Rethrose Filt SV, HwDeg, str SV, Uls, D2         1454 40002           VPOIDY, AutConft LSSpd. M. str Rethrose Filt SV, HwDeg, str SV, Uls, D2         1454 40002           VPOIDY, AutConft LSSpd. M. str Rethrose Filt SV, HwDeg, str SV, Uls, D2         1454 40002           VPOIDY, AutConft LSSpd. M. str Rethrose Filt SV, HwDeg, str SV, Uls, D2         1454 40002           VPOIDY, AutConft LSSpd. M. str Filer Enable, Cnt. Ug         0           VPOIDY, AutConft LSSpd. M. str Filer Enable, Cnt. Ug         0           VPOIDY, AutConft LSSpd. M. str Filer Enables Cnt. Ug         0           VPOIDY, AutConft LSSpd. M. str Filer Enables Cnt. Ug         0           VPOIDY, Forescenter Collect HwDeg, M. D2         1148998           VPOIDY, Forescenter Collect HwDeg, M. D2         10           VPOIDY, MINOREE, HwDeg, M. D3         1           VPOIDY, MINOREE, HwDeg, M. D3         12           VPOIDY, MINOREE, HwDeg, M. D3         4289 75           VPOIDY, STORE W. B. str SV, Uls, D3         15           VPOIDY, MINOREE, HwDeg, M. D3         4289	· - · · - · - · - · - · - · - · - · - ·	
VerDyn_AusContioSpd_Mst_Timert Threat_mS_u16		
VerbDyn_AutoCntrLoSpd_M_str_Timer2_mS_u32		
VerDyn_AutOchtruSopd_M_str_Timer1_mS_u32		
VehDyn, AutoCnitut.Spid, M., str. RiehlanPosiFittSV, HwDeg, str. SV, Uls, T32         4459-40002           VehDyn, AutoCnitut.Spid, M., str. RiehlanPosiFittSV, HwDeg, str. SV, Uls, T32         7.580000244-005           VehDyn, AutoCnitut.Spid, M., str. ReihlanPosiFittSV, HwDeg, str. SV, Uls, T32         1459-40002           VehDyn, AutoCnitut.Spid, M., str. ReihlanPosiFittSV, HwDeg, str. SV, Uls, T32         000968199991           VehDyn, AutoCnitut.Spid, M., str. Fitter Initialized, Cnt. Uge         0           VehDyn, AutoCnitut.Spid, M., str. Fitter Initialized, Cnt. Uge         0           VehDyn, AutoCnitut.Spid, M., str. Fitter Initialized, Cnt. Uge         0           VehDyn, AutoCnitut.Spid, M., str. Fitter Initialized, Cnt. Uge         0           VehDyn, ForceCenterCnitutSpid, M., str. Fitter Initialized, Cnt. M. Ige         0           VehDyn, ForceCenterCnitutSpid, M., str. Fitter Initialized, Cnt. M. Ige         1           VehDyn, InStaltz, Cnt. M. Ige         1           VehDyn, InStaltz, Cnt. M. Ige         0           VehDyn, InStaltz, Cnt. M. Ige         0           VehDyn, MinOffset, HwDeg, M. Ige         1           VehDyn, Str. Will, Str. X. Uls, T32         0.000483999999           VehDyn, Str. Will, M. Ist. X. Uls, T32         0.000483999999           VehDyn, Str. Will, M. Ist. X. Uls, T32         0.000483999999           VehDyn, Str. Will, M. Ist. X. Uls, T32         0.000		
VehDyn_AutoChtLoSpd_M_str_ReihwFosFill1SV_HvDeg_str_K_UIs_f32         748940002           VehDyn_AutoChtLoSpd_M_str_ReihwFosFill2SV_HvDeg_str_K_UIs_f32         758900024           VehDyn_AutoChtLoSpd_M_str_ReihwFosFill2SV_HvDeg_str_K_UIs_f32         0.000981999991           VehDyn_AutoChtLoSpd_M_str_ReihwFosFill2SV_HvDeg_str_K_UIs_f32         0.000981999991           VehDyn_AutoChtLoSpd_M_str_ReiherWFosFill2SV_HvDeg_str_K_UIs_f32         0.000981999991           VehDyn_AutoChtLoSpd_M_str_ReiherZeinBillared_Cht_Ige         0.000981999991           VehDyn_AutoChtLoSpd_M_str_ReiherZeinBillared_Cht_Ige         0.000981999981           VehDyn_AutoChtLoSpd_M_str_ReiherZeinBillared_Cht_Ige         0.000981999981           VehDyn_ForeCenterChesDated_Cht_M_Ige         0.000981999981           VehDyn_ForeCenterChesDated_Cht_M_Ige         0.000981999981           VehDyn_ForeCenterChesDated_Cht_M_Ige         0.000981999981           VehDyn_ForeCenterChesDated_Cht_M_Ige         0.000981999981           VehDyn_ForeCenterChesDated_Cht_M_Ige         0.000981999981           VehDyn_ForeCenterChesDated_Cht_M_Ige         0.000981999981           VehDyn_ForeCenterChtSpd_M_Ige_Cht_M_Ig		
VehDyn_AutoCnttLoSpd_M_str_RethwPosPittSV_HNDeg_str_KV_Us_f32		
VerbDyn_AutoCnttLoSpd_M_str_RelHwPosFill2SV_HwDeg_str_K_Ulls_r32		
VerbDyn_AutoCnitLoSpd_M_str_Riller1Enable_Cnt_lgc	· - · - · · · · - · - · -	
VehDyn_AutoCnitLoSpd_M_str_FilterEnable_Cnt_lgc		
VehDyn_AutoCnitLoSpd_M_str_Filter/Enable_Cnt_lgc	· - · - · · · · - · - · -	
VehDyn_AutoCntt_oSpd_M_str.FilterIntialized_Cnt_lgc         0           VehDyn_ForceCenterCnabled_Cnt_M_lgc         0           VehDyn_ForceCenterCnabled_Cnt_M_lgc         101.489988           VehDyn_InSpd.eart_Cnt_M_lgc         1           VehDyn_LoSpd.eart_Cnt_M_lgc         0           VehDyn_LoSpd.eart_Cnt_M_lgc         0           VehDyn_MonStet_HWDeg_M_f32         4239.75           VehDyn_MonStet_HWDeg_M_f32         4599.030029           VehDyn_MonStet_HWDeg_M_f32         15           VehDyn_FinTrqSV_M_str.K_UB_f32         15           VehDyn_PinTrqSV_M_str.K_UB_f32         0.00043399989           VehDyn_FinTrqSV_M_str.K_UB_f32         0.000433999989           VehDyn_StPHwAuth_UB_M_f32         0.887000012           VehDyn_StPHwAuth_UB_M_f32         0.887000012           VehDyn_StPHwAuth_UB_M_f32         0.899999976           K_LHXQFWITTING_MS_UB_f32         0.899999976           K_LWTQMpITNd_HWMI_f32         6.32000017           K_LSRHWAQVGTTING_MS_UB_f32         6.32099997           K_TravelXCDeadband_UB_f32         6.32999992           K_TravelXCDeadband_UB_f32         6.32999996           K_TravelXCHWAUthority_UB_f32         6.32999996           Larget_Rie_Inst_Ap_VehDyn_VehDyn_Perf_CovECT_HWDeg_f32         1171/1128620		0
VehDyn_ForceCenteriEnabled_Cnt_M_lgc         0           VehDyn_Hisblaze.aml_Cnt_M_lgc         1           VehDyn_Hisblaze.aml_Cnt_M_lgc         1           VehDyn_Hisblaze.Cmt_M_lgc         0           VehDyn_Mindifisez_Cmt_M_lgc         0           VehDyn_Mindifiset_MvDeg_M_f32         -1239.75           VehDyn_Mindifiset_HvDeg_M_f32         -899.300029           VehDyn_PinTrqSV_M_str.SV_Uls_f32         0.000433999989           VehDyn_PinTrqSV_M_str.SV_Uls_f32         0.000433999989           VehDyn_SLPHwAuth_Uls_M_f32         0.587000012           VehDyn_StribwAgVidTimer_mS_M_d32         0.587000012           VehDyn_StribwAgVidTimer_mS_M_d32         1.5           VehDyn_StribwAgVidTimer_mS_M_d32         1.5           K_SribwAgV	VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_[32]         -101.489998           VehDyn_HiSpdLeamt_Cnt_M_Ige         1           VehDyn_LoSpdLeamt_Cnt_M_Ige         0           VehDyn_MaxOffset_HwDeg_M_132         -1239.75           VehDyn_MaxOffset_HwDeg_M_132         -1239.75           VehDyn_Microst_HwDeg_M_132         -899.030029           VehDyn_PinTrqSV_M_str.SV_UIs_[32]         1.5           VehDyn_PinTrqSV_M_str.K_UIs_[32]         0.000433999989           VehDyn_SLPHwPos_HwDeg_M_132         0.000433999999           VehDyn_SLPHwPos_HwDeg_M_132         4243378688           VehDyn_SHirkwBydrfirmer_mS_M_u32         4243378688           K_HSdydDaxIntorty_UIs_132         0.899999976           K_HSdydDaxIntorty_UIS_132         1           K_LOSpdVDaxIntorty_UIS_132         1           K_JOSpdVDaxIntorty_UIS_132         1           K_JSWSMRatio_MtPDepHwDeg_132         6.32000017           K_JSWSMRatio_MtPDepHwDeg_132         6.32000015           K_TravetXCDeadband_UIS_132         6.32000005           K_TravetXCDeadband_UIS_132         6.32000015           K_TravetXCDeadband_UIS_132         6.32000015           K_TravetXCDeadband_UIS_132         6.32000015           K_TravetXCDeadband_UIS_132         6.32000015           Larget_Le_Lost_A_D_VehDyn_	VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HispdLeamt_Cnt_M.lgc         1           VehDyn_LoSpdLeamt_Cnt_M.lgc         0           VehDyn_LoSpdLeamt_Cnt_M.lgc         0           VehDyn_LoSpdLeamt_Cnt_M.lgc         1239.75           VehDyn_MinOffset_HwDeg_M.f32         499.030029           VehDyn_PinTrigSV_M.str.SV_Uls_f32         1.5           VehDyn_PinTrigSV_M.str.SV_Uls_f32         0.000483999989           VehDyn_SLPHwAuth_Uls_M.f32         0.587000012           VehDyn_SLPHwAuth_Uls_M.f32         391.029999           VehDyn_SLHPwAgVidTimer_mS_M_u32         4243378688           k_HiSpdVDAuthority_Uls_f32         6.32000017           k_LoSpdVDAuthority_Uls_f32         6.32000017           k_LoSpdVDAuthority_Uls_f32         1           k_SrithwagVidTimd_mS_u32         1           k_SyskinRatio_MirDegHwDeg_f32         63.2999992           k_TraveIXCDeadband_Uls_f32         63.2999999           kg_TraveIXCDeadband_Uls_f32         63.2999999           target_DimmElapsedTime_mS_u32_ElapsedTime         71426560           target_Re_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_ElapsedTime         2127166208           target_Re_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_EurentTime_         4243378688           target_Re_Inst_Ap_VehDyn_VehDyn_Per1_CevEOT_HwDeg_f32         target_VehDyn_Per1_CewEOT_HwDeg_f32 <tr< td=""><td>VehDyn_ForceCenterEnabled_Cnt_M_lgc</td><td>0</td></tr<>	VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_LoSpdLeamt_Cnt_M_lgc         0           VehDyn_Mscrifset_HwDeg_M_f32         -1239.75           VehDyn_MinOffset_HwDeg_M_f32         -698.030029           VehDyn_PinTrqSV_M_str_K_UB_f32         1.5           VehDyn_PinTrqSV_M_str_K_UB_f32         0.000483999989           VehDyn_SLPHwAuth_UIs_M_f32         0.000483999989           VehDyn_SLPHwAuth_UIS_M_f32         0.587000012           VehDyn_SLPHwAuth_UIS_M_f32         391.029999           VehDyn_SLPHwAuth_UIS_M_f32         4243378688           VehDyn_SLPHwAuthorty_UIS_f32         0.899999976           K_HSpdVDAuthority_UIS_f32         6.32000017           K_LoSpdVDAuthority_UIS_f32         1           K_SyskinRatio_MtDepHwDeg_f32         63.2999992           K_TravetXCHwAuthority_UIS_f32         63.2999992           K_TravetXCHwAuthority_UIS_f32         63.2999996           K_TravetXCHwAuthority_UIS_f32         63.2999996           K_TravetXCHwAuthority_UIS_f32         63.2999996           K_TravetXCHwAuthority_UIS_f32         63.2999996           Larget_Re_Call_Ap_VehDyn_SystemTime_CetSystemTime_mS_u32_CurrentTime         7126609           Larget_Re_Call_Ap_VehDyn_SystemTime_CetSystemTime_mS_u32_CurrentTime         422378688           Larget_Re_Lost_Ap_VehDyn_	VehDyn_ForceCenterOffset_HwDeg_M_f32	-101.489998
VehDyn_LoSpdLeami_Cri_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         -1239.75           VehDyn_MinCribset_HwDeg_M_f32         -699.030029           VehDyn_PinTrqSV_M_str.SV_Uls_f32         1.5           VehDyn_PinTrqSV_M_str.SV_Uls_f32         0.000483999999           VehDyn_SLPHwAuth_Uls_M_f32         0.587000012           VehDyn_SLPHwDeg_HwDeg_M_f32         391.029999           VehDyn_StrHwAgVIdTimer_mS_M_u32         4243378688           k_HiSpdVDAuthority_Uls_f32         0.899999976           k_HWTqMgnThd_HwNm_f32         6.32000017           k_LoSpdvDAuthority_Uls_f32         1           k_SHrHwAgVIdTimer_mS_u32         1           k_SHrHwAgVIdTimer_mS_u32         1           k_SHrWakWCHwAuthority_Uls_f32         6.32000017           k_TravelXCDeadband_Uls_f32         6.2700005           k_TravelXCHwAuthority_Uls_f32         6.2700005           k_TravelXCHwAuthority_Uls_f32         0.328999996           target_GetSystemTime_mS_u32_CurrentTime         714265660           target_Rele_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         424378688           target_Rel_nist_Ap_VehDyn_NehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rel_nist_Ap_VehDyn_NehDyn_Per1_MotoryelCRF_HtrRadps_f32         target_VehDyn_Per1_MotoryelCRF_M	VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32         -1239.75           VehDyn_MinOffset_HwDeg_M_f32         -699.030029           VehDyn_PinTrqSV_M_str K_Uls_f32         0.000483999989           VehDyn_SLPHwPos_HwDeg_M_f32         0.587000012           VehDyn_SLPHwPos_HwDeg_M_f32         0.587000012           VehDyn_SLPHwPos_HwDeg_M_f32         4243378688           VehDyn_SLPHwPos_HwDeg_M_f32         4243378688           VehDyn_SLPHwPos_HwDeg_M_f32         0.899999976           VehDyn_SLPHwPos_HwDeg_M_f32         1.32000017           VehDyn_SLPHwPos_HwDeg_M_f32         1.12           VehSpdrUDAuthority_Uls_f32         1           Veneybrand Micropy_Uls_f32         55.2700005           VerrawckCHwalthority_Uls_f32         55.2700005           VerrawckCHwalthority_Uls_f32         121766208           Varget Rie Call Ap_VehDyn_SystemTime_OetlsystemTime_ms_u32_CurrentTime_target_Rie_Call_Ap_VehDyn_SystemTime_GetlsystemTime_ms_u32_CurrentTime_target_Rie_Call_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         1           Varget_Rie_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         1	VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_MinOffset_HwDeg_M_f32         -699 030029           VehDyn_PinTrqSV_M_str.SV_UIs_f32         1.5           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.000483999989           VehDyn_SLPHwAuth_UIs_M_f32         0.587000012           VehDyn_SLPHwRos_HwDeg_M_f32         391.029999           VehDyn_SHHwAgVIdTimer_mS_M_u32         4243378688           K_HiSpdVDAuthority_UIs_f32         0.889999976           K_LHSPdVDAuthority_UIs_f32         1           K_SHIHWAgVIdTimer_mS_u32         1           K_SHIHWAgVIdTimer_mS_u32         112           K_SHIPWAGVIDTITE_mS_u32         1           K_SHIPWAGVIDTITE_mS_u32         63.2999992           K_TravelXCDeadband_UIs_f32         63.2999992           K_TravelXCDeadband_UIs_f32         63.2999996           K_TravelXCDeadband_UIs_f32         63.2999996           K_get_GelSystemTime_mS_u32_CurrentTime         2127166208           Larget_Rel Call_AD_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         2127166208           Larget_Rel_Inst_AD_VehDyn_VehDyn_Perl_CwEOT_HwDeg_f32         target_VehDyn_Perl_CwEOT_HwDeg_f32           Larget_Rel_Inst_AD_VehDyn_VehDyn_Perl_Merl_MR32         target_VehDyn_Perl_CwEOT_HwDeg_f32           Larget_Rel_Inst_AD_VehDyn_VehDyn_Perl_Motovic(RF_MtrRadpS_f32         target_VehDyn_Perl_Motovic(RF_MtrRadpS_f32         target_VehDyn_Perl_Motovic(RF_	VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_PinTrqSV_M_str.Sv_Uls_f32         1.5           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000483999989           VehDyn_SLPHwAuth_Uls_M_f32         0.587000012           VehDyn_SLPHwPos_HwDeg_M_f32         391.029999           VehDyn_SrlHwAgVldTimer_mS_M_u32         4243378688           k_HispdVDAuthority_Uls_f32         0.899999976           k_HwTqMgmThd_HwMm_f32         6.32000017           k_LeSpdVDAuthority_Uls_f32         1           k_SrlHwAgVldTiTrd_ms_us_u32         112           k_SysKinRatio_MtrDegpHwDeg_f32         63.299992           k_TravelXCDeadband_Uls_f32         65.2700005           k_TravelXCHwAuthority_Uls_f32         65.2700005           k_TravelXCHwAuthority_Uls_f32         65.2700005           k_TravelXCHwAuthority_Uls_f32         67.2700005           k_Tarey RE_Call_Ap_VehDyn_SystemTime_busedTime_sus_us_currentTime_sus_us_cur		
VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000483999989           VehDyn_SLPHwAuth_Uls_M_f32         0.587000012           VehDyn_SLPHwPos_HwDeg_M_f32         391.029999           VehDyn_SLPHwPos_HwDeg_M_f32         4243378688           VehDyn_SthWagyldTimer_mS_M_u32         4243378688           k_HKTQMgnThd_HwNm_f32         0.89999976           k_HWTQMgnThd_HwNm_f32         6.3200017           k_LOSpdVDAuthority_Uls_f32         1           k_SyskinRatio_MtrDegpHwDeg_f32         63.2999992           k_TravelXCDeadband_Uls_f32         63.2999992           k_TravelXCDeadband_Uls_f32         63.2999996           k_TravelXCHwAuthority_Uls_f32         0.328999996           target_DtmmElapsedTime_mS_u32_CurrentTime         2127166208           target_Rel_all_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         4243378688           target_Rel_all_Ap_VehDyn_VehDyn_Per1_CowEOT_HwDeg_f32         target_VehDyn_Per1_CowEOT_HwDeg_f32         target_VehDyn_Per1_CowEOT_HwDeg_f32           target_Rel_inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_MotoryelCRF_MtrRadpS_f32           target_Rel_inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32         target_VehDyn_Per1_HwTorque_HwNm_f32         target_VehDyn_Per1_RelHwPos_HwDeg_f32           target_Rel_inst_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uls_f32         ta		
VehDyn_SLPHwAuth_Uls_M_f32         0.587000012           VehDyn_SLPHwPos_HwDeg_M_f32         391.029999           VehDyn_SrlHwAgVldTimer_mS_M_u32         4243378688           k_HSpdVDAuthority_Uls_f32         0.89999976           k_HWTqMgnThd_HwNm_f32         6.32000017           k_LoSpdVDAuthority_Uls_f32         1           k_SrlHwAgVldTiThd_mS_u32         6.3299992           k_SysKinRatio_MtrDegpHwDeg_f32         63.2999992           k_TravelXCDeadband_Uls_f32         63.2999996           k_TravelXCHwAuthority_Uls_f32         0.328999996           target_DtmmElapsedTime_mS_u32_CurrentTime         71426560           target_Rel Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         2127166208           target_Rel_call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         4243378688           target_Rel_inst_Ap_VehDyn_VehDyn_Perl_cwEOT_HwDeg_f32         target_VehDyn_Perl_CwEOT_HwDeg_f32           target_Rel_inst_Ap_VehDyn.VehDyn_Perl_HwTorque_HwNm_f32         target_VehDyn_Perl_CwEOT_HwDeg_f32           target_Rel_inst_Ap_VehDyn.VehDyn_Perl_MoltorVeiCRF_MtrRadpS_f32         target_VehDyn_Perl_MoltorVeiCRF_MtrRadpS_f32           target_Rel_inst_Ap_VehDyn.VehDyn_Perl_SinHwAg_HwDeg_f32         target_VehDyn_Perl_SinHwAg_HwDeg_f32         target_VehDyn_Perl_SinHwAg_HwDeg_f32           target_Rel_inst_Ap_VehDyn.VehDyn_Perl_SirHwAg_HwDeg_f32         target_VehDyn_Perl_SirH		
VehDyn_SIPHwPos_HwDeg_M_f32         391.029999           VehDyn_SiPHwAgVIdTimer_mS_M_u32         4243378688           k_HBQDVDAuthority_Uls_f32         0.899999976           k_HWTQMgnThd_HwNm_f32         6.32000017           k_LOSpdVDAuthority_Uls_f32         1           k_SysKinRatio_MtrDegpHwDeg_f32         6.32090999           k_SysKinRatio_MtrDegpHwDeg_f32         63.2999992           k_TravelXCDeadband_Uls_f32         60.32000017           k_TravelXCDHwAuthority_Uls_f32         0.32899996           k_TravelXCDHwAuthority_Uls_f32         0.32899996           target_DtmmElapsedTime_mS_u32_CurrentTime         71426560           target_Recall_Ap_VehDyn_SystemTime_DtmmElapsedTime_mS_u32_CurrentTime         2127166208           target_Recall_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         4243378688           target_Recall_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Recall_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rec_lnst_Ap_VehDyn.VehDyn_Per1_MotorvelCRF_MtrRadps_f32         target_VehDyn_Per1_HwTorque_HwDm_f32           target_Rec_lnst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uls_f32         target_VehDyn_Per1_ReiHwPos_HwDeg_f32           target_Rec_lnst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uls_f32         target_VehDyn_Per1_SensoriessAuthority_Uls_f32		
VehDyn SriHwAgVldTimer mS M_u32         4243378688           k_HiSpdVDAuthority_Uls_f32         0.899999976           k_LeSpdVDAuthority_Uls_f32         6.32000017           k_LoSpdVDAuthority_Uls_f32         1           k_SriHwAgVldTiThd_mS_u32         112           k_SysKinRatio_MtrDegpHwDeg_f32         63.2999992           k_TravelXCDeadband_Uls_f32         55.2700005           k_TravelXCHwAuthority_Uls_f32         0.328999996           target_Ditme_lapsedTime_mS_u32_CurrentTime         71426560           target_GetSystemTime_mS_u32_CurrentTime         2127166208           target_Re_Call_Ap_VehDyn_SystemTime_DitmnElapsedTime_mS_u32_CurrentTime         4243378688           target_Re_Inst_Ap_VehDyn_NehDyn_Per1_CwEOT_HwDeg_f32         target_NehDyn_Per1_CwEOT_HwDeg_f32           target_Re_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwMm_f32         target_VehDyn_Per1_HwTorque_HwMm_f32           target_Re_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadps_f32         target_VehDyn_Per1_MotorVelCRF_MtrRadps_f32           target_Re_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32         target_VehDyn_Per1_MotorVelCRF_MtrRadps_f32           target_Re_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32         target_VehDyn_Per1_SensorlessAuthority_Uls_f32           target_Re_Inst_Ap_VehDyn.VehDyn_Per1_SriHwAgVid_Ont_lgc         target_VehDyn_Per1_SensorlessAuthority_Uls_f32           target_Re_Inst_Ap_VehDyn.V		
k_HiSpdVDAuthority_UIs_f32         0.89999976           k_HwTqMgnThd_HwNm_f32         6.32000017           k_LoSpdVDAuthority_UIs_f32         1           k_SrlHwAgVldTiThd_mS_u32         12           k_SyskinRatio_MtrDegpHwDeg_f32         63.2999992           k_TravelXCDeadband_UIs_f32         56.2700005           k_TravelXCHwAuthority_UIs_f32         0.328999996           target_DtrmnElapsedTime_mS_u32_ElapsedTime         71426660           target_GetSystemTime_mS_u32_CurrentTime         21271f66208           target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime mS_u32_CurrentTime         4243378688           target_Rte_lnst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32         target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32         target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32         target_VehDyn_Per1_RelHwPos_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32         target_VehDyn_Per1_SensorlessAuthority_UIs_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32         target_VehDyn_Per1_SensorlessSHwPos_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SriHwAgVld_Cnt_Igc         target_VehDyn_Per1_SriHwAgVld_Cnt_Igc		
k_HwTqMgnThd_HwMm; f32 k_LoSpdVDAuthority_Uls_f32 k_SrlHwAgVldTTThd_mS_u32 f_TsvelKCDeadband_Uls_f32 k_TravelKCDeadband_Uls_f32 f_TravelKCDeadband_Uls_f32 f_TavelKCDeadband_Uls_f32 f_TavelKe_Losl_AD_vehDyn_SystemTime_Deadband_Uls_f32 f_TavelKe_Losl_AD_vehDyn_VehDyn_Perl_CwEOT_HwDeg_f32 f_TavelKe_Inst_AD_vehDyn_VehDyn_Perl_MotorvelCRF_MtrRadpS_f32 f_TavelKe_Inst_AD_vehDyn_VehDyn_Perl_MotorvelCRF_MtrRadpS_f32 f_TavelKe_Inst_AD_vehDyn_VehDyn_Perl_MotorvelCRF_MtrRadpS_f32 f_TavelKe_Inst_AD_vehDyn_VehDyn_Perl_SensorlessAuthority_Uls_f32 f_TavelKe_Inst_AD_vehDyn_VehDyn_Perl_SensorlessAuthority_Uls_f32 f_TavelKe_Inst_AD_vehDyn_VehDyn_Perl_SensorlessAuthority_Uls_f32 f_TavelKe_Inst_AD_vehDyn_VehDyn_Perl_SensorlessAuthority_Uls_f32 f_TavelKe_Inst_AD_vehDyn_VehDyn_Perl_SensorlessAuthority_Uls_f32 f_TavelKe_Inst_AD_vehDyn_VehDyn_Perl_SensorlessHwPos_HwDeg_f32 f_TavelKe_Inst_AD_vehDyn_VehDyn_Perl_SensorlessHwPos_HwDeg_f32 f_TavelKe_Inst_AD_vehDyn_VehDyn_Perl_SensorlessHwPos_HwDeg_f32 f_TavelKe_Inst_AD_vehDyn_VehDyn_Perl_SensorlessHwPos_HwDeg_f32 f_TavelKe_Inst_AD_vehDyn_VehDyn_Perl_SirlHwAgVld_cnt_lgc f_TavelKe_Inst_AD_vehDyn_VehDyn_Perl_SirlHwAgVld_cnt_lgc f_TavelKe_Inst_AD_vehDyn_VehDyn_Perl_TovqeCmdCRF_MtrNm_f32 f_TavelKe_Inst_AD_vehDyn_VehDyn_Perl_TovqeCmdCRF_MtrNm_f32 f_TavelKe_Inst_AD_vehDyn_VehDyn_Perl_TovqeCmdCRF_MtrNm_f32 f_TavelKe_Inst_AD_vehDyn_VehDyn_Perl_TovqeCmdCRF_MtrNm_f32 f_TavelKe_Inst_AD_vehDyn_VehDyn_Perl_TovqeCmdCRF_MtrNm_f32 f_TavelKe_Inst_AD_vehDyn_VehDyn_Perl_TovqeCmdCRF_MtrNm_f32 f_TavelKe_Inst_AD_vehDyn_VehDyn_Pe	, = 0 = = =	
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target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SriHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SriHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SriHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SriHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32		
$target\_Rte\_Inst\_Ap\_VehDyn\_Per1\_VehicleSpeedValid\_Cnt\_Igc \\ target\_VehDyn\_Per1\_VehicleSpeedValid\_Cnt\_Igc \\ target\_VehicleSpeedValid\_Cnt\_Igc \\ target\_VehicleSpeedValid\_Cnt\_$	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target Rte Inst An VehDyn VehDyn Per1 VehicleSpeed Knh f32		
anger_rac_rac_rac_rac_rac_rac_rac_rac_rac_ra	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32





venbyn_r err		10	10010
Name	Input Value		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-585.309998		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	854.04303		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	6.40999985		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-456.100006		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1459.40002		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	391.029999		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230.139999		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	✓
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024	1024	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322	54822322	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002	-1459.40002 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1459.40002	-1459.40002 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	·
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2127166208	2127166208	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322	54822322	·
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002	-1459.40002 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1459.40002	-1459.40002 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	·
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024	1024	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322	54822322	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1459.40002	-1459.40002 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1459.40002	-1459.40002 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	-1239.75	-1239.75	~
VehDyn_MinOffset_HwDeg_M_f32	874.090027	874.090027	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.50234127	1.50234127 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	4243378688	4243378688	~
torget VohDun Bort SengerlageAuthority Illa f22 value	0.90000076	0.90000076 ± 0.004	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

0.899999976

0

0.899999976 ± 0.004

0 ± 0.1

Test Step 2.225 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime	
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	124.099998	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	206.100006	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	3.0999999	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	97.0999985	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	30404	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	30349	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682	

target\_VehDyn\_Per1\_SensorlessAuthority\_Uls\_f32.value

target\_VehDyn\_Per1\_SensorlessHwPos\_HwDeg\_f32.value

2015-09-15, 13:22:52+0530



Verolly, Autochneide, by L. Britanskowski, Velocy and V. D. 92 (1997)  Verolly, Autochneide, by L. Britanskowski, Velocy and V. D. 92 (1997)  Verolly, Autochneide, by L. Britanskowski, Velocy and V. D. 92 (1997)  Verolly, Autochneide, by L. Britanskowski, Velocy and V. D. 92 (1997)  Verolly, Autochneide, by L. Britanskowski, Velocy and V. D. 92 (1997)  Verolly, Autochneide, by L. Britanskowski, Velocy and V. D. 92 (1997)  Verolly, Autochneide, by L. Britanskowski, Velocy and V. D. 93 (1997)  Verolly, Autochneide, by L. Britanskowski, Velocy and V. D. 93 (1997)  Verolly, Autochneide, by L. Britanskowski, Velocy and V. D. 93 (1997)  Verolly, Autochneide, by L. Britanskowski, Velocy and V. D. 93 (1997)  Verolly, Autochneide, by L. Britanskowski, Velocy and V. D. 93 (1997)  Verolly, Autochneide, by L. Britanskowski, Velocy and V. D. 93 (1997)  Verolly, Autochneide, by L. Britanskowski, V. D. 94 (1997)  Verolly, Autochneide, by L. Britanskowski, V. D. 94 (1997)  Verolly, Autochneide, by L. Britanskowski, V. D. 94 (1997)  Verolly, Autochneide, by L. Britanskowski, V. D. 94 (1997)  Verolly, Autochneide, by L. Britanskowski, V. D. 1950, and V. D. 1952  Verolly, Autochneide, by L. Britanskowski, V. D. 1952  Ver		
Verbory Auto-Chested M. de Chest-Part State V. Hobe, as M. Verbory Auto-Chested M. de Chest-Part State V. Hobe, as M. Verbory Auto-Chested M. de Chest-Part State V. Hobe, as M. Verbory Auto-Chested M. de Chest-Part State V. Hobe, as M. Verbory Auto-Chested M. de Chest-Part State V. Hobe, as M. Verbory Auto-Chested M. de Chest-Part State V. Hobe, as M. Verbory Auto-Chested M. de Chest-Part State V. Hobe, as M. Verbory Auto-Chested M. de Chested V. Hobe, as M. Verbory Auto-Chested M. de Cheste	Name	Input Value
Verloy, Nuclearing M. de Pelentralisation (1992) (1906) per SV Us. 02 (2007) (1906) (1	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	267.709991
Verbilly Autochardes M. et Referencia Cut 192  verbilly Autochardes M. e	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000847999996
Verbilly Autochardes M. et Referencia Cut 192  verbilly Autochardes M. e	VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	267.709991
Verbyn, Auschnicksjon II, ver Fierlinants Crit Jo  Verbyn, Auschnicksjon III, ver Fierlinants Crit Jo  Verbyn, Auschnicksjon III, ver Fierlinants Crit Jo  Verbyn, Auschnicksjon III, ver Fierlinants III, ver Fierlinants III, verbyn, Auschnicksjon III, ver Fierlinants III, verbyn, Auschnicksjon III, ver Fierlinants III, verbyn, Auschnicksjon III, ver Fierlinants		0.000847999996
Verby, Ausborbelege M. Ser Reinfacks Crit go 1 Verby, Ausborbelege M. Ser Ve	·	
VenDyn_Audorinatesiqu M_ser Elevationatesic Design venDyn_Audorinatesiqu M_ser Elevationatesiq Design venDyn_Audorinatesiqu M_ser Elevationatesique 1 18  venDyn_Audorinatesique M_ser Venderinatesique 2 186 venDyn_Audorinatesique M_ser Venderinatesique 3 186 venDyn_Audorinatesique M_ser Venderinatesique 3 186 venDyn_Audorinatesique M_ser Venderinatesique 3 187 venDyn_Audorinatesique M_ser Venderinatesique 4 187 venDyn_Audorinatesique M_ser Venderinatesique 4 187 venderinatesique M_ser Venderinatesique 4 187 venderinatesique M_ser Venderinatesique 5 187 venderinatesique 6 1		
Verboyn Auschartschaft M. st. Prieschaltschaft Crit. go. 196 Verboyn Auschartschaft M. st. Verboyn Lange Chartschaft July 102 156 Verboyn Auschartschaft M. st. Verboyn Lange Chartschaft July 102 156 Verboyn Auschartschaft M. st. Prieschaft Inn. 63 10 Verboyn Auschartschaft M. st. Prieschaft Inn. 63 10 Verboyn Auschartschaft July 107 Inn. 71 107 107 107 107 107 107 107 107 107		
VenDys, Auschreise, M. att Helphane, M. att Helphane, S. 12 VenDys, Auschreise, M. att Helphane, M. att Help		
Veolity-AutoCentrising   M. S. Price   Veolity AutoCentrising   M. S. Price   Veolity-AutoCentrising   M. S. Price   Veolity-AutoCent		
Veology_AutoconisisQu_M_sc Envirollocy_Parked_scale_go_M_sc Envirollocy_Parked_scale_go_M_sc Envirollocy_Parked_scale_go_M_sc Envirollocy_Parked_scale_go_M_sc Envirollocy_Parked_scale_go_M_sc Envirollocy_Parked_scale_go_M_sc Envirollocy_Parked_scale_go_M_sc Envirollocy_Parked_scale_go_M_sc Envirollocy_Parked_go_M_scale_go_M_sc		
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VehDyn_AutoCnttLoSpd_M_str_RiterIEnable_Cnt_lgc	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.58000024e-005
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	267.709991
VehDyn_AutoCntLoSpd_M_str_Filter*Enable_Cnt_lgc	VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000847999996
VehDyn_AutoCnttLoSpd_M_str.Filter2Enialsized_Cnt_lgc         0           VehDyn_AutoCnttLoSpd_M_str.FilterInialsized_Cnt_lgc         0           VehDyn_AutoCnttLoSpd_M_str.FilterInialsized_Cnt_lgc         0           VehDyn_ForceCenterEnabted_Cnt_M_lgc         1           VehDyn_ForceCenterEnabted_Cnt_M_lgc         1           VehDyn_LoSpd_Learnt_Cnt_M_lgc         1           VehDyn_LoSpd_Learnt_Cnt_M_lgc         0           VehDyn_LoSpd_Learnt_Cnt_M_lgc         1           VehDyn_MaxOffset_HwDeg_M_132         863.386028           VehDyn_MinOffset_HwDeg_M_132         863.386028           VehDyn_MinOffset_HwDeg_M_132         7777.437888           VehDyn_FinTqSV_M_str.K_Uls_132         0.0004210000004           VehDyn_SLPHwPa_Log_M_132         780000019           VehDyn_SLPHwPa_Log_M_132         0.58999994           VehDyn_SLPHwPa_Log_M_132         1056662864           VehDyn_SLPHwPa_Log_M_132         1           VehDyn_SLPHwPa_Log_M_132         1           VehDyn_SLPHwPa_Log_M_132         1           VehDyn_SLPHwPa_Log_M_132         1           VehDyn_SLPHwPa_Log_M_132         1           VehDyn_StrikkMqViffirmer_mS_M_132         1           VehDyn_VehDyn_Dig_Strikk_M_102         1           VehDyn_Strikk_M_102         1		1
VenDyn_AutoCnirt.oSpd_M_str.Filter1Initialized_Cnt_lgc         0           VenDyn_ForceCenterCnisbed_Cnt_M_lgc         1           VenDyn_ForceCenterCnisbed_Cnt_M_lgc         1           VenDyn_Hispd.earnt_Cnt_M_lgc         1           VenDyn_Hispd.earnt_Cnt_M_lgc         0           VenDyn_Hispd.earnt_Cnt_M_lgc         0           VenDyn_MaxOffset_HwDeg_M_gaz         863.386028           VenDyn_MaxOffset_HwDeg_M_gaz         863.386028           VenDyn_MinOffset_HwDeg_M_gaz         777.437888           VenDyn_MinOffset_HwDeg_M_gaz         777.437888           VenDyn_PinTrqSV_M_str_K_Us_gaz         7,80000019           VenDyn_PinTrqSV_M_str_K_Us_gaz         0,00421000004           VenDyn_PinTrqSV_M_str_K_Us_gaz         0,00421000004           VenDyn_PinTrqSV_M_str_K_Us_gaz         0,00421000004           VenDyn_PinTrqSV_M_str_K_Us_gaz         0,589999974           VenDyn_PinTrqSV_M_str_K_Us_gaz         0,589999974           VenDyn_SitHwBryd_Tind_m_gaz         1,52           VenDyn_SitHwBryd_Tind_m_gaz         1,52           VenDyn_SitHwBryd_Tind_m_gaz         1,52           VenDyn_SitHwBryd_Tind_m_gaz         1,52           VenDyn_SitHwBryd_Tind_m_gaz         1,52           VenDyn_SitHwBryd_Tind_m_gaz         1,52           VenDyn_Sit		
VehDyn_AutoCnirt_OSpd_M_str.Filter2initialized_Cnt_lgc         0           VehDyn_ForceCenterEnabled_Cnt_M_lgc         1           VehDyn_ForceCenterOffset_Hwbeg_M_f32         -1600           VehDyn_HispdLeamt_Cnt_M_lgc         1           VehDyn_Initialize_Cnt_M_lgc         0           VehDyn_Initialize_Cnt_M_lgc         1           VehDyn_MaxOffset_HwDeg_M_f32         863.366028           VehDyn_MinOffset_HwDeg_M_f32         -777.437888           VehDyn_PinTqsV_M_str.K_Uls_f32         7.80000019           VehDyn_PinTqsV_M_str.K_Uls_f32         0.000421000004           VehDyn_PinTqsV_M_str.K_Uls_f32         0.589999974           VehDyn_StPHwAurh_Uls_M_f32         673.409973           VehDyn_StPHwAurh_Uls_M_f32         1           VehDyn_StPHWAURH_Uls_f32         1           VehDyn_StPHWAURH_Uls_f32         673.409973           VehDyn_StPHWAURH_Uls_f32         1           VehDyn_StPHWAURH_Uls_f32         1           VehDyn_StPHWAURH_Uls_f32         1           VehDyn_StPHWAURH_Uls_f32         1           VehDyn_StPHWAURH_Uls_f32         1           VehDyn_StPHWAURH_Uls_f32         1           VehDyn_StPLWAURH_Uls_f32         1           VehDyn_Wall_MUls_f32         1           VehTyn_Wall_MUls_f32 </td <td></td> <td></td>		
VehDyn, ForceCenterOffset HwDeg, M_52		
VehDyn, FioreCenterOffset, HwDeg, M, f32  VehDyn, HiSpdLeamt, Cnt, M, Igc  VehDyn, LoSpdLeamt, Cnt, M, Igc  VehDyn, LoSpdLeamt, Cnt, M, Igc  VehDyn, MaxOffset, HwDeg, M, f32  VehDyn, MaxOffset, HwDeg, M, f32  VehDyn, Michset, HwDeg, M, f32  VehDyn, PinTrqSV, M, str. SV, Ulis, f32  VehDyn, PinTrqSV, M, str. SV, Ulis, f32  VehDyn, PinTrqSV, M, str. K, Ulis, f32  VehDyn, PinTrqSV, M, str. K, Ulis, f32  VehDyn, PinTrqSV, M, str. K, Ulis, f32  VehDyn, Str. HwAuth, Ulis, M, f32  VehDyn, VehDyn, VehDyn, Perl, CowCoT, HwDeg, f32  VehDyn, Perl, Str. Hwauth, Ulis, M, VehDyn, VehDyn, Perl, Motoryel, Chi, Motoryel, Motoryel, Chi, Joe  VehDyn, Perl, Str. Hwayd, Ch. Julis, Chi, Julis, Lin, Julis, Lin, Julis, Lin, Lin, Lin, Lin, Lin, Lin, Lin, Lin	, = 1 = = = = = = = = = = = = = = = = =	
VehDyn_HiSpdLearnt_Cnt_M_igc		
VehDyn_Initialize_Cni_M_igc         0           VehDyn_LoSpdLeart_Cni_M_igc         1           VehDyn_MacNise_HwDeg_M_i32         863.366028           VehDyn_MinOffset_HwDeg_M_i32         -777.437988           VehDyn_PinTrqSV_M_str.K_Uls_f32         7.800000019           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000421000004           VehDyn_SLPHWAuth_Uls_M_i32         0.589999974           VehDyn_SLPHWOB_HMOB_M_i32         -573.409973           VehDyn_SLPHWOB_HMOB_M_i32         0           VehDyn_SthPMapOrthure_mS_M_u32         1050692864           VehDyn_SthPMapOrthure_mS_M_u32         1           Very Company         1		
VehDyn_LoSpdLeam_Cn_M_lgc  VehDyn_MaxOffset_HwDeg_M_f32  VehDyn_MinOffset_HwDeg_M_f32  VehDyn_MinOffset_HwDeg_M_f32  VehDyn_PinTrqSV_M_str.SV_Uls_f32  VehDyn_PinTrqSV_M_str.SV_Uls_f32  VehDyn_PinTrqSV_M_str.SV_Uls_f32  VehDyn_SPHYwAutl_uls_M_f32  VehDyn_SPHYwAutl_uls_M_f32  VehDyn_SPHWDeg_M_f32  VehDyn_SIHWAgVIdTimer_mS_M_u32  VehDyn_SriHwAgVIdTimer_mS_M_u32  VehDyn_SriHwAgVIdTimer_mS_U32  VehDyn_SriHwAgVId_Chilge  VehDyn_Perl_SriHwAg_HwDeg_f32  VehDyn_Perl_SriHwAg_HwDeg_f3	VehDyn_HiSpdLearnt_Cnt_M_lgc	
VehDyn_MaxOffset_HwDeg_M_f32         863.366028           VehDyn_MinOffset_HwDeg_M_f32         .777.437988           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000421000004           VehDyn_SLPHwPos_HwDeg_M_f32         0.589999974           VehDyn_SLPHwPos_HwDeg_M_f32         573.409973           VehDyn_SLPHwPos_HwDeg_M_f32         1050692864           VehDyn_SupHwDeg_M_f32         1050692864           Vendyn_MaxOffatthority_Uls_f32         1050692864           Veritor_MaxDeg_M_f32         10506928	VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_MinOffset_HwDeg_M_f32         -777.437988           VehDyn_PinTrqSV_M_str.X_Uls_f32         7.80000019           VehDyn_PinTrqSV_M_str.X_Uls_f32         0.000421000004           VehDyn_SLPHwAuth_Uls_M_f32         0.569999974           VehDyn_SLPHwPos_HwDeg_M_f32         573.409973           VehDyn_StHWAQVIdTimer_mS_M_u32         1050692864           K_HSQM/DAUthority_Uls_f32         0           K_HSQM/DAUthority_Uls_f32         1           K_LOSpd/DAuthority_Uls_f32         1           K_SHIHWAQVIdTITIMd_mS_u32         185           K_SHIHWAQVIDHORY_Uls_f32         67.2399979           K_TravelXCDeadband_Uls_f32         67.2399979           K_TravelXCHwAuthority_Uls_f32         0.136675           Larget_DTIME_lapsedTime_mS_u32_ElapsedTime         2269150976           target_GetSystemTime_mS_u32_CurrentTime         2269150976           target_Rie_lost_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         2659241984           target_Rie_lost_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         1736795392           target_Rie_lost_Ap_VehDyn_VehDyn_Per1_CowEOT_HwDeg_f32         target_VehDyn_Per1_CowEOT_HwDeg_f32           target_Rie_lost_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_MorroyelCRF_MirRadpS_f32           target_VehDyn_Per1_MirRadpS_f32         target_VehDyn_Per1_RelHwPos_HwDe	VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_PinTrqSV_M_str.SV_Uls_f32         7.80000019           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.0004210000004           VehDyn_SLPHwAuth_Uls_M_f32         0.58999974           VehDyn_SLPHwAps_HwDeg_M_f32         -573.409973           VehDyn_SriHwAgVIdTimer_mS_M_u32         1050692864           k_HiSpdVDAuthority_Uls_f32         0           k_HWTQMgnThd_HwNm_f32         1           k_LoSpdVDAuthority_Uls_f32         1           k_LoSpdVDAuthority_Uls_f32         1           k_SysKinRatio_MirDepHwDeg_f32         86.0999985           k_SysKinRatio_MirDepHwDeg_f32         86.0999985           k_TraveiXCDeadband_Uls_f32         67.2399979           k_TraveiXCDeadband_Uls_f32	VehDyn_MaxOffset_HwDeg_M_f32	863.366028
VehDyn_PinTrqSV_M_str.SV_Uls_f32         7.80000019           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.0004210000004           VehDyn_SLPHwAuth_Uls_M_f32         0.58999974           VehDyn_SLPHwAps_HwDeg_M_f32         -573.409973           VehDyn_SriHwAgVIdTimer_mS_M_u32         1050692864           k_HiSpdVDAuthority_Uls_f32         0           k_HWTQMgnThd_HwNm_f32         1           k_LoSpdVDAuthority_Uls_f32         1           k_LoSpdVDAuthority_Uls_f32         1           k_SysKinRatio_MirDepHwDeg_f32         86.0999985           k_SysKinRatio_MirDepHwDeg_f32         86.0999985           k_TraveiXCDeadband_Uls_f32         67.2399979           k_TraveiXCDeadband_Uls_f32	VehDyn MinOffset HwDeg M f32	-777.437988
VehDyn_PinTrqSV_M_str.K_Uls_f32         0.000421000004           VehDyn_SLPHwAuth_Uls_M_f32         0.589999974           VehDyn_SLPHwPos_HwDeg_M_f32         .573.409973           VehDyn_SHHWAgVldTimer_mS_M_u32         1050692864           VehDyn_SthWAgVldTimer_mS_M_u32         1050692864           K_HWTqMgnThd_HwMm_f32         1           K_LoSpdVDAuthority_Uls_f32         1           K_LOSpdVDAuthority_Uls_f32         1           K_SyskinRatio_MtrDegpHwDeg_f32         86.099985           K_SyskinRatio_MtrDegpHwDeg_f32         67.2399979           K_TravelXCDeadband_Uls_f32         0.136675           k_TravelXCHwAuthority_Uls_f32         0.136675           target_DtrimnElapsedTime_mS_u32_CurrentTime         2269150976           target_Re_Call_AD_VehDyn_SystemTime_DtrinnElapsedTime_mS_u32_ElapsedTine         2593241984           target_Re_Call_AD_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         1050692864           target_Re_Call_AD_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Re_lost_AD_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Re_lnst_AD_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32         target_VehDyn_Per1_RelHwPos_HwDeg_f32           target_Re_lnst_AD_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32         target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32		
VehDyn_SLPHwAuth_Uls_M_f32         0.58999974           VehDyn_SLPHwPos_HwDeg_M_f32         -573.409973           VehDyn_SrlHwAgVIdTimer_mS_M_u32         1050692864           k_HSpdVDAuthority_Uls_f32         0           k_HATQMgnThd_HwNm_f32         1           k_LoSpdVDAuthority_Uls_f32         1           k_SrlHwAgVIdTiThd_mS_u32         1385           k_SyskinRatio_MtrDegpHwDeg_f32         86.099985           k_TravelXCDeadband_Uls_f32         67.2399979           k_TravelXCHwAuthority_Uls_f32         0.136675           target_DtmmElapsedTime_mS_u32_ElapsedTime         2699150976           target_Rel_Call_AD_VehDyn_SystemTime_DtmmElapsedTime_mS_u32_ElapsedTi         1736795392           target_Rel_Call_AD_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         2659241984           target_Rel_Call_AD_VehDyn_NehDyn_Per1_Cxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx		
VehDyn_SLPHwPos_Hwbeg_M_f32         -573.409973           VehDyn_SrlHwAgVldTimer_mS_M_u32         1050692864           k_HiSpdVDAuthority_Uls_f32         0           k_HWTQMgnThd_HwNm_f32         1           k_LOSpdVDAuthority_Uls_f32         1           k_LOSpdVDAuthority_Uls_f32         1           k_LOSpdVDAuthority_Uls_f32         1           k_SYSKinRatio_MtrDegpHwDeg_f32         86.099985           k_SysKinRatio_MtrDegpHwDeg_f32         67.2399979           k_TravelXCDeadband_Uls_f32         0.136675           k_TravelXCHwAuthority_Uls_f32         1385           target_Dtrime_ins_u32_CurrentTime         2269150976           target_GetSystemTime_mS_u32_CurrentTime         2659241984           target_Rte_Call_Ap_VehDyn_SystemTime_DetrimpElapsedTime_mS_u32_CurrentTime         1736795392           target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         1050692864           target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_Webg_f32           target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32         target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32         target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32         target_VehDyn_Per1_SensoriessAuthority_Uls_f32         target_VehDyn_Per1_SensoriessAuthority_Uls_f3		
VehDyn_SriHwAgVldTimer_mS_M_u32         1050692864           k_HiSpdVDAuthority_Uls_f32         0           k_LoSpdVDAuthority_Uls_f32         1           k_LoSpdVDAuthority_Uls_f32         1           k_LoSpdVDAuthority_Uls_f32         1           k_SriHwAgVidTiThd_mS_u32         1385           k_SyskinRatio_MtrDegpHwDeg_f32         66.099985           k_TravelXCDeadband_Uls_f32         67.2399979           k_TravelXCHwAuthority_Uls_f32         0.136675           target_DtmnElapsedTime_mS_u32_ElapsedTime         2269150976           target_GetSystemTime_mS_u32_CurrentTime         2659241984           target_Rte_Call_Ap_VehDyn_SystemTime_DtmnElapsedTime_mS_u32_CurrentTime         1736795392           target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         1505692864           target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32         target_VehDyn_Per1_LwTorque_HwNm_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32         target_VehDyn_Per1_RelHwPos_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32         target_VehDyn_Per1_SensorlessAuthority_Uls_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32         target_VehDyn_Per1_SensorlessAuthority_Uls_f32 <td></td> <td></td>		
k_HISpdVDAuthority_UIs_f32         0           k_HwTqMgnThd_HwNm_f32         1           k_LoSpdVDAuthority_UIs_f32         1           k_SrlHwAgVldTiThd_mS_u32         1385           k_SyskinRatio_MtrDegpHwDeg_f32         86.0999985           k_TravelXCDeadband_UIs_f32         67.2399979           k_TravelXCHwAuthority_UIs_f32         0.136675           target_DtmmElapsedTime_mS_u32_ElapsedTime         269150976           target_GetSystemTime_mS_u32_CurrentTime         2659241984           target_Re_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         1736795392           target_Re_Call_Ap_VehDyn.VehDyn_Pert_CowEOT_HwDeg_f32         target_VehDyn_Pert_CowEOT_HwDeg_f32           target_Re_Inst_Ap_VehDyn.VehDyn_Pert_CowEOT_HwDeg_f32         target_VehDyn_Pert_CowEOT_HwDeg_f32           target_Re_Inst_Ap_VehDyn.VehDyn_Pert_MotorVelCRF_MtrRadpS_f32         target_VehDyn_Pert_MotorVelCRF_MtrRadpS_f32           target_Re_Inst_Ap_VehDyn.VehDyn_Pert_SensorlessAuthority_UIs_f32         target_VehDyn_Pert_MotorVelCRF_MtrRadpS_f32           target_Re_Inst_Ap_VehDyn.VehDyn_Pert_SensorlessAuthority_UIs_f32         target_VehDyn_Pert_SensorlessAuthority_UIs_f32           target_Re_Inst_Ap_VehDyn.VehDyn_Pert_SensorlessAuthority_UIs_f32         target_VehDyn_Pert_SensorlessAuthority_UIs_f32           target_Re_Inst_Ap_VehDyn.VehDyn_Pert_SensorlessAuthOrs_JuDe_f32         target_VehDyn_Pert_SensorlessHwPos_HwDog_f32		
k_HwTqMgnThd_HwNm_f32 k_LoSpdVDAuthority_Uls_f32 k_SrlkinAgtiv_MtrDegpHwDeg_f32 k_SrlkinAgtiv_MtrDegpHwDeg_f32 k_SrlkinAgtiv_MtrDegpHwDeg_f32 k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32 0.136675 target_DtrmnElapsedTime_mS_u32_ElapsedTime 2269150976 target_GetSystemTime_mS_u32_CurrentTime 2659241984 target_Re_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 21050692864 target_Re_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Re_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Re_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Re_Inst_Ap_VehDyn.VehDyn_Per1_Mtrorque_HwNm_f32 target_Re_Inst_Ap_VehDyn.VehDyn_Per1_Mtrorque_HwNm_f32 target_Re_Inst_Ap_VehDyn.VehDyn_Per1_Mtrorque_HwNm_f32 target_Re_Inst_Ap_VehDyn.VehDyn_Per1_Mtrorque_HwNDeg_f32 target_Re_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Re_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Re_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Re_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Re_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Re_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Re_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_U		
k_LoSpdVDAuthority_Uls_f32 k_SriHwAgVldTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32 k_TravelXCDeadband_Uls_f32 k_TravelXCDeadband_Uls_f32 darget_DtrnnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_ElapsedTime target_Ret_Call_Ap_vehDyn_SystemTime_DtrnnElapsedTime_mS_u32_ElapsedTime target_Ret_Call_Ap_vehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Ret_Call_Ap_vehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Ret_Inst_Ap_vehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Ret_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Ret_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Ret_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Ret_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Ret_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_Sensorle		
k_SriHwAgVldTiThd_mS_u32 1385 k_SysKinRatio_MtrDegpHwDeg_f32 86.0999985 k_TravelXCDeadband_Uls_f32 67.2399979 k_TravelXCHwAuthority_Uls_f32 0.136675 target_DtrmnElapsedTime_mS_u32_ElapsedTime 2269150976 target_CetSystemTime_mS_u32_CurrentTime 2659241984 target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi 1736795392 target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 1050692864 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_WhVm_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_Dept_f32 target_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_NehDyn_Per1_SensorlessAuthority_Uls_f32 target_NehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	k_HwTqMgnThd_HwNm_f32	
k_SysKinRatio_MtrDegpHwDeg_f32	k_LoSpdVDAuthority_Uls_f32	1
k_TravelXCDeadband_Uls_f32	k_SrlHwAgVldTiThd_mS_u32	1385
k_TravelXCDeadband_Uls_f32	k_SysKinRatio_MtrDegpHwDeg_f32	86.0999985
k_TravelXCHwAuthority_Uls_f32  target_DtrmnElapsedTime_mS_u32_ElapsedTime  target_GetSystemTime_mS_u32_CurrentTime  target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime  target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime  target_Rte_Lnst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVId_Cnt_lgc  target_VehDyn_Per1_SrlHwAg_HwDeg_f32  target_VehDyn_Per1_SrlHwAg_HwDeg_f32  target_VehDyn_Per1_SrlHwAg_HwDeg_f32  target_VehDyn_Per1_SrlHwAg_HwDeg_f32	k_TravelXCDeadband_Uls_f32	67.2399979
target_DtrmnElapsedTime mS_u32_ElapsedTime 2269150976  target_GetSystemTime_mS_u32_CurrentTime 2659241984  target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 2756795392  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 275692844  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 275692864  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 275692864  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 275692864  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 275692864  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 275692864  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 27692864  target_VehDyn_Per1_CwEOT_HwDeg_f32 27692864  target_VehDyn_Per1_Wrorque_HwNm_f32 27692864  target_VehDyn_Per1_SensorlessAuthority_Uls_f32 4769286686  target_VehDyn_Per1_SensorlessAuthority_Uls_f32 4769286686  target_VehDyn_Per1_SensorlessAuthority_Uls_f32 47692866  target_VehDyn_Per1_SensorlessAuthority_Uls_f32 47692866  target_VehDyn_Per1_SensorlessAuthority_Uls_f32 47692866  target_VehDy	k TravelXCHwAuthority Uls f32	
target_GetSystemTime_nS_u32_CurrentTime  target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Linst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Linst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVId_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVId_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn.VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn.VehDyn.VehDyn.VehDyn.Per1_RelHwPos_HwDeg_f32 target_VehDyn.VehDyn.VehDyn.VehDyn.Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn.Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn.Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn.Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn.VehDyn.VehDyn.Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn.Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn.VehDyn.VehDyn.Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn.Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn.Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn.Per1_SrlHwAgVld_Cnt_lgc target_VehDyn.Per1_SrlHwAgVld_Cnt_lgc target_VehDyn.Per1_SrlHwAg_HwDeg_f32 target_VehDyn.Per1_SrlHwAg_HwDeg_f32 target_VehDyn.Per1_SrlHwAg_HwDeg_f32 target_VehDyn.Per1_SrlHwAg_HwDeg_f32 target_VehDyn.Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVId_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVId_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVId_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVId_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_kte_inst_Ap_venDyn_venDyn_Per1_TorqueCmdCkr_MtrNm_t32   target_VehDyn_Per1_TorqueCmdCkr_MtrNm_t32		
	target_inte_inist_Ap_veribyii.veribyii_Peri_TorqueCmdCRF_Mtnnm_t32	target_veriDyII_Feri_10rqueGinuGRF_MitINIII_132





			(-4
Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeed	Valid_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed	_Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-818.409973		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1422.08105		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	5.80000019		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1100		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	267.709991		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-573.409973		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	135.139999		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2659241984	2659241984	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682	3796740682	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn AutoCntrDetSnd M str Filter2Initialized Cnt Inc	1	1	

Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2659241984	2659241984	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682	3796740682	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835	2553156835	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682	3796740682	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835	2553156835	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682	3796740682	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	1422.08105	1422.08105	~
VehDyn_MinOffset_HwDeg_M_f32	-818.409973	-818.409973	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.79913568	7.79913568 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1050692864	1050692864	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600	1600 ± 0.1	~

Test Step Call Trace				~
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	•

Test Step 2.226 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	138.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	216.199997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	1.20000005
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.1999969
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	10412
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3277

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000850000011
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000850000011
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86.1999969
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	166
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.4000001
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	36416
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2760420809
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000638000027
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000268000003
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	124.699997
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	216.600006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1.70000005
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	88.5999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420809
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.53999998-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000850000011
VehDyn_AutoCntrl_oSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrl_oSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn ForceCenterEnabled Cnt M lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1000.09998
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn LoSpdLearnt Cnt M Igc	0
VehDyn MaxOffset HwDeg M f32	868.357971
VehDyn_MinOffset_HwDeg_M_f32	-770.754028
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.20000005
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000422000012
VehDyn_SLPHwAuth_Uls_M_f32	0.606999993
VehDyn_SLPHwPos_HwDeg_M_f32	-563.150024
VehDyn_SrlHwAgVldTimer_mS_M_u32	3039943680
k_HiSpdVDAuthority_UIs_f32	1
k_HwTqMgnThd_HwNm_f32	1.5
k_LoSpdVDAuthority_UIs_f32	0
k_SrlHwAgVldTiThd_mS_u32	744
k_SysKinRatio_MtrDegpHwDeg_f32	96.3000031
k_TravelXCDeadband_Uls_f32	66.2099991
k_TraveIXCHwAuthority_UIs_f32	0.137899995
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3533260288
target_GetSystemTime_mS_u32_CurrentTime	2942063360
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_bt.    Line College    Line College	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_ois_132 target_Rte_inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensoriessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
goro_mor_rp_vonDyn_vonDyn_i or _ommw/gvid_ont_ige	angue, sand free or Louis and And Louis lake





Name	Input Value			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCn	ndCRF_MtrNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSp	eed_Kph_f32		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-812.150024	-812.150024		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1416.51196			
target_VehDyn_Per1_HwTorque_HwNm_f32.value	6			
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-897.599976			
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-293.049988			
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0			
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-563.150024			
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.9000001			
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0			
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	354.75			
Name	Actual Value	Expected Value	Result	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	<b>✓</b>	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809	2760420809	<b>✓</b>	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322	54822322	<b>✓</b>	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	<b>✓</b>	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	<b>✓</b>	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2942063360	2942063360	<b>✓</b>	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322	54822322	~	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	~	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	~	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~	
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	1	1	~	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2942063360	2942063360	~	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322	54822322	~	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	~	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	~	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~	
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~	
VehDyn_Initialize_Cnt_M_lgc	1	1	~	
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~	
VehDyn_MaxOffset_HwDeg_M_f32	1416.51196	1416.51196	<b>Y</b>	
VehDyn_MinOffset_HwDeg_M_f32	-812.150024	-812.150024	<b>~</b>	
VehDyn_PinTrqSV_M_str.SV_Uls_f32	3.20116019	3.20116019 ± 0.000009		
VehDyn_SrlHwAgVldTimer_mS_M_u32	3039943680	3039943680	~	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

707.049988

1 ± 0.004

707.049988 ± 0.1

Test Step 2.227 (Repeat Count = 1)	√
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	498.200012
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156.199997

 $target\_VehDyn\_Per1\_SensorlessAuthority\_Uls\_f32.value$ 

target\_VehDyn\_Per1\_SensorlessHwPos\_HwDeg\_f32.value

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VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.WtVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.Str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0 0 10 226.399994 8 96.1999969 53970 52282 274107514 4004004656 -627.179993 0.000639999984 -627.179993 0.000272000005 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Wtvel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.SitPintrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	21335 34188 274107514 4004004656 -627.179993 0.000852000026 -627.179993 0.000852000026 1 1 0 0 0 10 226.399994 8 96.1999969 53970 52282 274107514 4004004656 -627.179993 0.00063999984 -627.179993 0.00063999984 -627.179993 0.00063999984 -627.179993 0.000272000005 0 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	34188 274107514 4004004656 -627.179993 0.000852000026 -627.179993 0.000852000026 1 1 0 0 0 10 226.399994 8 96.1999969 53970 52282 274107514 4004004656 -627.179993 0.000639999984 -627.179993 0.000639999984 -627.179993 0.000272000005 0 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Fiiter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Fiiter2Enable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Tnresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Tnresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Tnresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	274107514 4004004656 -627.179993 0.000852000026 -627.179993 0.000852000026 1 1 0 0 0 10 226.399994 8 96.1999969 53970 52282 274107514 4004004656 -627.179993 0.00063999984 -627.179993 0.00063999984 -627.179993 0.000272000005 0 0 0
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VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.WitrVel_MtrRadpS_f32 1 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 2 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHopd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHopd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHopd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	-627.179993 0.000852000026 -627.179993 0.000852000026 1 1 0 0 0 10 226.399994 8 96.1999969 53970 52282 274107514 4004004656 -627.179993 0.000639999984 -627.179993 0.000639999984 0.000272000005 0 0 0
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VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 1 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 2 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 8 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 9 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 5 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 5 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 5 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 4 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 6 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 6 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 6 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 7 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 7 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 7 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 7 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 7 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 7 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 7 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 7 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 7 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 8	10 226.39994 8 96.1999969 53970 52282 274107514 4004004656 -627.179993 0.000639999984 -627.179993 0.000272000005 0 0
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc  VehDyn_AutoCntrLoSpd_M_str.WetSpd_kph_f32	226.39994 8 96.1999969 53970 52282 274107514 4004004656 -627.179993 0.000639999984 -627.179993 0.000272000005 0 0
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.WehSpd_kph_f32	8 96.1999969 53970 52282 274107514 4004004656 -627.179993 0.000639999984 -627.179993 0.000272000005 0 0
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	96.1999969 53970 52282 274107514 4004004656 -627.179993 0.000639999984 -627.179993 0.000272000005 0 0 0
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	53970 52282 274107514 4004004656 -627.179993 0.000639999984 -627.179993 0.000272000005 0 0 0
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	274107514 4004004656 -627.179993 0.000639999984 -627.179993 0.000272000005 0 0 1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	4004004656 -627.179993 0.000639999984 -627.179993 0.000272000005 0 0 1
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	-627.179993 0.000639999984 -627.179993 0.000272000005 0 0 1
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0.000639999984 -627.179993 0.000272000005 0 0 0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 8	-627.179993 0.000272000005 0 0 0 1
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  1  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  8	0.000272000005 0 0 0 0 1
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  1  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  8	0 0 0 1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  8	0 0 1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0 1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc     1       VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32     9       VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32     8	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 9 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 8	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	98.8000031
	88.3000031
, _ ,	10.8000002
, =	52.2999992
	38868
, = , = = = = =	57944
, _ ,	274107514
, = - = = = =	4004004656 -627.179993
	-027.179995 7.56000009e-005
	-627.179993
	0.00852000026
	0
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc 1	
, =	1
	0
	1
VehDyn_ForceCenterOffset_HwDeg_M_f32 0	0
VehDyn_HiSpdLearnt_Cnt_M_lgc 0	0
VehDyn_Initialize_Cnt_M_lgc 1	1
VehDyn_LoSpdLearnt_Cnt_M_lgc 0	0
VehDyn_MaxOffset_HwDeg_M_f32	873.349976
VehDyn_MinOffset_HwDeg_M_f32 -	-764.070007
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.80000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00042299999
	0.624000013
, = = = 0= =	-552.890015
, = 0 = = =	1312298240
_ , ,_ ,_ ,	1
_ 10	9.19999981
_ , ,_ ,	0
_	700
	32.5
	65.1800003
	0.139125004
•	3714197504
	2075080192
	3494315776 1316564736
	target_VehDyn_Per1_CcwEOT_HwDeg_f32
	target_VehDyn_Per1_CveEOT_HwDeg_f32
	target_VehDyn_Per1_HwTorque_HwNm_f32
	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32





Name	Input Value			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_	target_VehDyn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f3	32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_M	trNm_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_	_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_	_f32		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-805.890015			
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1410.94299			
target_VehDyn_Per1_HwTorque_HwNm_f32.value	6.19999981			
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1009.29999			
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-627.179993			
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1			
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-552.890015			
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999			
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1			
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	398.109985			
Name	Actual Value	Expected Value	Result	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1		
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	274107514	274107514	~	
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	4004004656	4004004656		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-627.179993	-627.179993 ± 0.0009	_	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-627.179993	-627.179993 ± 0.0009	_	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	_	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1		
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	_	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0		
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2075080192	2075080192	~	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656	4004004656		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-627.179993	-627.179993 ± 0.0009	_	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-627.179993	-627.179993 ± 0.0009		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~	
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	0	0		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>	
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2075080192	2075080192	•	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004656	4004004656		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-627.179993	-627.179993 ± 0.0009	~	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-627.179993	-627.179993 ± 0.0009		
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt lgc	0	0	_	
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt lgc	1	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	·	
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0	0		
VehDyn HiSpdLearnt Cnt M Igc	0	0	<b>~</b>	
VehDyn Initialize Cnt M Igc	1	1		
VehDyn LoSpdLearnt Cnt M Igc	0	0	~	
VehDyn_MaxOffset_HwDeg_M_f32	873.349976	873.349976		
VehDyn_MinOffset_HwDeg_M_f32	-178.710022	-178.710007	~	
VehDyn PinTrqSV M str.SV Uls f32	7.79938316	7.79938316 ± 0.000009		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1312298240	1312298240	~	
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004		
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-627.179993	-627.179993 ± 0.1	_	
target_veribyn_rent_octroonessriwr os_riwbeg_loz.value	021.110000	021.170000 ± 0.1		

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.228 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime

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Name	Input Value
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
	86.099985
, = , = , = , = ,	156.100006
	2.0999999
, =	42.0999985
, _	16683
, =	22497
, _ ,	2967684784
, =	1024
, _ ,	-177.479996 0.000853999984
	-177.479996
	0.00853999984
	0
	0
7	1
	1
	44.4000015
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	176
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	9.19999981
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	63
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	34738
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36612
,	2967684784
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
, _ ,	-177.479996
, =	0.000641999999
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-177.479996
) =	0.000276000006
, =	1
	1
, _ , _ = _ = _ = _ = _ = _ = _ = _ = _	1
, = 1 = = = = = = = = = = = = = = = = =	0
	78.3000031 226.800003
, = , = , = , = ,	2.2999995
,	75.8000031
, =	20423
	31368
	2967684784
	1024
	-177.479996
	6.37999983e-005
	710.950012
	0.000853999984
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	1200.25
,	1
7 = = = = = = =	1
, = , = = = = =	1
,	878.34198
	-757.385986
,	-5.4000001
, = . = = = =	0.000423999998
	0.640999973
,	-542.630005 2075000403
, _ ,	2075080192
	0.30000012
	5.25
_ ' '= -	701
_ 0	701 45.099985
k_SysKinRatio_MtrDegpHwDeg_f32	
k TravelYCDeadhand Lile f32	64.1500015
	0.140340000
k_TravelXCHwAuthority_Uls_f32	0.140349999 812314880
k_TravelXCHwAuthority_Uls_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime	812314880
k_TravelXCHwAuthority_Uls_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime	812314880 1117112832





Nama	Innut Value				
Name target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	Input Value target_VehDyn_Per1_CcwEOT_HwDeg	ı f32			
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg f32	target_VehDyn_Per1_CwEOT_HwDeg_f32				
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNn				
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32				
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target VehDyn Per1 RelHwPos HwDeg f32				
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32					
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32		target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVId_Cnt_				
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg				
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_				
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target VehDyn Per1 VehicleSpeedVali				
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kp				
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-799.630005	<u>.</u> 2			
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1405.37402				
target_VehDyn_Per1_HwTorque_HwNm_f32.value	6.4000001				
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	154.539993				
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-177.479996				
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1				
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-542.630005				
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.8999998				
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1				
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	126.220001				
Name	Actual Value	Expected Value	Result		
VehDyn AllowHiSpdAutoCntr Cnt M lgc	1	1	- Rooult		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784	2967684784	_		
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024	1024			
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-177.479996	-177.479996 ± 0.0009	~		
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-177.479996	-177.479996 ± 0.0009			
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>~</b>		
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0			
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>~</b>		
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1			
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1117112832	1117112832	_		
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024	1024			
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-177.479996	-177.479996 ± 0.0009	·		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-177.479996	-177.479996 ± 0.0009			
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>~</b>		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	_		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>~</b>		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	_		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784	2967684784	·		
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	1024	1024	~		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-177.479996	-177.479996 ± 0.0009	<b>~</b>		
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	710.950012	710.950012 ± 0.0009	~		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>~</b>		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	_		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	_		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>~</b>		
VehDyn_Initialize_Cnt_M_lgc	1	1			
VehDyn_Indanze_ont_wi_ge  VehDyn_LoSpdLearnt Cnt M lgc	1	1	~		
VehDyn MaxOffset HwDeg M f32	878.34198	878.34198			
VehDyn MinOffset HwDeg M f32	-622.150024	-622.150024	~		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-5.39501476	-5.39501476 ± 0.000009			
VehDyn_SrlHwAgVldTimer_mS_M_u32	2075080192	2075080192	·		
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004			
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1377.72998	-1377.72998 ± 0.1	<b>*</b>		
a.govalue	.311.12000	1011.12000 2 0.1			

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDyn Per1 CP1 ChecknointReached	1	Rte Call VehDyn Per1 CP1 ChecknointReached	1	_

Test Step 2.229 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime

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Name	Input Value
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	44.4000015
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.399994
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.4000001
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	12.3999996
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	5235
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27074
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000855999999
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000855999999
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	96
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	186.399994
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	88.1999969
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	26195
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	22037
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948758
/ehDyn AutoCntrHiSpd M str.Timer2 mS u32	4290967295
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000644000014
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	731.700012
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000280000007
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Ernable_Cnt_lgc	0
	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	88.300031
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	236.300003
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.3000019
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	97.3000031
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	7034
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	39056
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948758
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.3999998e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000855999999
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_ForceCenterEnabled_Cnt_M_lgc	1
/ehDyn_ForceCenterOffset_HwDeg_M_f32	1600
/ehDyn_HiSpdLearnt_Cnt_M_lgc	0
/ehDyn_Initialize_Cnt_M_lgc	0
/ehDyn_LoSpdLearnt_Cnt_M_lgc	0
/ehDyn_LoSpuLearit_Cit_w_igc /ehDyn_MaxOffset_HwDeg_M_f32	883.333984
/ehDyn_MinOffset_HwDeg_M_f32	-750.702026
/enDyn_MinOffset_HwDeg_M_f32 /ehDyn_PinTrqSV_M_str.SV_UIs_f32	7.5999999
/ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000425000006
/ehDyn_SLPHwAuth_Uls_M_f32	0.657999992
/ehDyn_SLPHwPos_HwDeg_M_f32	-532.369995
/ehDyn_SrlHwAgVldTimer_mS_M_u32	954802432
x_HiSpdVDAuthority_Uls_f32	1
c_HwTqMgnThd_HwNm_f32	1.10000002
C_LoSpdVDAuthority_UIs_f32	0
c_SrlHwAgVldTiThd_mS_u32	702
x_SysKinRatio_MtrDegpHwDeg_f32	78.3000031
x_TraveIXCDeadband_Uls_f32	63.1199989
c_TraveIXCHwAuthority_Uls_f32	0.141574994
arget_DtrmnElapsedTime_mS_u32_ElapsedTime	3345084416
arget_GetSystemTime_mS_u32_CurrentTime	1736795392

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Name	Input Value		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi	•		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	954802432		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	oS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	m_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cn	ıt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-793.369995		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1399.80505		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	6.5999999		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	731.700012		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-532.369995		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.19999981		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	354.98999		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758	3174948758	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295	4290967295	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1736795392	1736795392	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295	4290967295	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1736795392	1736795392	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295	4290967295	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_Igc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1399.80505	1399.80505	~
Venbyn_waxonset_nwbeg_w_isz			<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-793.369995	-793.369995	
	-793.369995 7.59961939	-793.369995 7.59961939 ± 0.000009	~
VehDyn_MinOffset_HwDeg_M_f32			~
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.59961939	7.59961939 ± 0.000009	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	•



Test Step 2.230 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn AllowHiSpdAutoCntr Cnt M Igc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	96.0999985
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	176.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.0999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	53.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	29076
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	43868
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-968.400024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000858000014
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-968.400024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000858000014
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	100.199997
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	196
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.4000001
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	43190
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3186
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-968.400024
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000645999971
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-968.400024 0.000284000009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn AutoCntrloSpd M str.MtrVel MtrRadpS f32	94.1999969
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	246.199997
VehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	6.19999981
VehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	86.199969
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	25532
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	27401
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	1078320779
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-968.400024
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	6.42000014e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	110.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000858000014
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	1000.12
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	888.325989
VehDyn_MinOffset_HwDeg_M_f32	-744.018005
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.5
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000426000013
VehDyn_SLPHwAuth_Uls_M_f32	0.675000012
VehDyn_SLPHwPos_HwDeg_M_f32	-522.109985
VehDyn_SrlHwAgVldTimer_mS_M_u32	2728878080
k_HiSpdVDAuthority_Uls_f32	0
k_HwTqMgnThd_HwNm_f32	1.20000005
k_LoSpdVDAuthority_UIs_f32	1
k_SrlHwAgVldTiThd_mS_u32	703
k_SysKinRatio_MtrDegpHwDeg_f32	96.5





Name	Input Value			
k_TravelXCDeadband_Uls_f32	62.0900002			
k_TraveIXCHwAuthority_Uls_f32	0.142800003			
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2704864000			
target_GetSystemTime_mS_u32_CurrentTime	3437401088			
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS_u32\_ElapsedTime\_mS_u32\_ElapsedTime\_mS_u32\_ElapsedTime\_mS_u32\_ElapsedTime\_mS_u32\_ElapsedTime\_mS_u32\_ElapsedTime\_mS_u332\_ElapsedTi$	1662097408			
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u332\_CurrentTime\_m$	2728878080			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	2		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	Jls_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	arget_VehDyn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVId_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cr	nt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	target_VehDyn_Per1_VehicleSpeed_Kph_f32		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-787.109985			
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1394.23596			
target_VehDyn_Per1_HwTorque_HwNm_f32.value	6.80000019			
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-897.599976			
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-968.400024			
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0			
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-522.109985			
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.39999962			
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1			
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	452.359985			
Name	Actual Value	Expected Value	Result	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~	
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	3437401088	3437401088	<b>✓</b>	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779	1078320779		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-968.400024	-968.400024 ± 0.0009	<b>✓</b>	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-968.400024	-968.400024 ± 0.0009	-	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	-	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	-	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3382212733	3382212733	<b>✓</b>	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779	1078320779	-	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-968.400024	-968.400024 ± 0.0009	<b>✓</b>	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-968.400024	-968.400024 ± 0.0009	-	
VehDyn AutoCntrHiSpd M str.Filter1Enable Cnt Igc	0	0	<b>✓</b>	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>	
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	-	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733	3382212733	<b>✓</b>	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779	1078320779	-	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-968.400024	-968.400024 ± 0.0009	<b>✓</b>	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	110.5	110.5 ± 0.0009	•	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	-	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	-	
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>	
VehDyn_Initialize_Cnt_M_lgc	1	1	-	
VehDyn LoSpdLearnt Cnt M Igc	1	1	<b>~</b>	
VehDyn MaxOffset HwDeg M f32	1394.23596	1394.23596		
VehDyn_MinOffset_HwDeg_M_f32	-787.109985	-787.109985	~	
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.50222075	1.50222075 ± 0.000009	-	
VehDyn SrlHwAgVldTimer mS M u32	2728878080	2728878080	•	
target VehDyn Per1 SensorlessAuthority Uls f32.value	0.675000012	0.675000012 ± 0.004	~	
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1490.51001	-1490.51001 ± 0.1	~	
·				

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~



Fest Step 2.231 (Repeat Count = 1)	Innut Value
ame	Input Value
htrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
tetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
te_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_inst_Ap_VehDyn ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	target_Rte_Inst_Ap_VehDyn 1
	100.300003
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	186.300003 14.3000002
ehDyn_AutoCntrDetSpd_M_str.CntrWindow HwDeg f32	86.3000031
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	32821
ehDyn_AutoCntrDetSpd_M_str.TimerTTHrestr_mS_u16	53946
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	49.4199982
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000859999971
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	49.4199982
ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000859999971
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized Cnt_lgc	1
ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	206.199997
ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	3
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	97.4000015
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	30404
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	30349
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3589476707
ehDyn AutoCntrHiSpd M str.Timer2 mS u32	2138628886
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	49.4199982
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000647999987
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	49.4199982
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00028800001
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	126.300003
/ehDyn AutoCntrLoSpd M str.VehSpd kph f32	123.300003
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.3000002
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	42.2999992
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	12258
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36416
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476707
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	49.4199982
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.44000029e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000859999971
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_ForceCenterEnabled_Cnt_M_lgc	1
ehDyn_ForceCenterOffset_HwDeg_M_f32	-1200.56006
ehDyn_HiSpdLearnt_Cnt_M_lgc	0
ehDyn_Initialize_Cnt_M_lgc	1
ehDyn_LoSpdLearnt_Cnt_M_lgc	0
ehDyn_MaxOffset_HwDeg_M_f32	893.317993
ehDyn_MinOffset_HwDeg_M_f32	-737.333984
ehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000002
ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000426999992
ehDyn_SLPHwAuth_Uls_M_f32	0.691999972
ehDyn_SLPHwPos_HwDeg_M_f32	-511.850006
/ehDyn_SrlHwAgVldTimer_mS_M_u32	824746752
_HiSpdVDAuthority_Uls_f32	1
_HwTqMgnThd_HwNm_f32	6.5
_LoSpdVDAuthority_Uls_f32	0
SrlHwAgVldTiThd mS u32	9000





Name	Input Value			
k_SysKinRatio_MtrDegpHwDeg_f32	32.0999985			
k_TravelXCDeadband_Uls_f32	61.0600014			
k_TravelXCHwAuthority_Uls_f32	0.144024998			
target_DtrmnElapsedTime_mS_u32_ElapsedTime	662694400			
target_GetSystemTime_mS_u32_CurrentTime	3494315776			
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT				
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime				
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRad			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32		· <del>-</del>		
target_Rte_Inst_Ap_vehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	arget_VehDyn_Per1_RelHwPos_HwDeg_f32 arget_VehDyn_Per1_SensorlessAuthority_Uls_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	arget_VehDyn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc				
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg.Vld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3			
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-780.849976			
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1388.66699			
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7			
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.98999			
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	49.4199982			
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1			
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-511.850006			
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001			
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0			
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	423.769989			
Name	Actual Value	Expected Value		Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1		~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476707	3589476707		-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886	2138628886		~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	49.4199982	49.4199982 ± 0.00009		~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	49.4199982	49.4199982 ± 0.00009		~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1		•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1		•
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1		•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0		· ·
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3494315776	3494315776		
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886 49.4199982	2138628886 49.4199982 ± 0.00009		-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	49.4199982			
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	49.4199982 ± 0.00009		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0		J
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0		-
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	1	1		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3494315776	3494315776		-
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886	2138628886		-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	49.4199982	49.4199982 ± 0.00009		•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009		-
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0		•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1		-
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1		•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1		-
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0		•
	I .	1		<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	'		
VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0		•
				•
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0		~
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32	0 893.317993	0 893.317993		~
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32 VehDyn_SrlHwAgVldTimer_mS_M_u32	0 893.317993 -737.333984 -1.59626269 824746752	0 893.317993 -737.333984 -1.59626257 ± 0.000009 824746752		•
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32	0 893.317993 -737.333984 -1.59626269	0 893.317993 -737.333984 -1.59626257 ± 0.000009		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \



Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

ame	Input Value
trmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
etSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
te_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	
te_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
e_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
hDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	9.5
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	226.5
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.5
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	53.5
hDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21364
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	52282
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1397.33997
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00091599999
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1397.33997
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00091599999
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	100.400002
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	206.100006
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7.0999999
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	85.5999985
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1397.33997
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00071599998
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1397.33997
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000423999998
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	100.400002
ehDyn AutoCntrLoSpd M str.VehSpd kph f32	236.5
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.30000019
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32.4000015
hDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	20423
hDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	31368
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835
ehDyn AutoCntrLoSpd M str.Timer2 mS u32	2760420809
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1397.33997
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.11999965e-005
hDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg_str.SV Uls f32	-1397.33997
hDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00091599999
hDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
	0
hDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	
hDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_ForceCenterEnabled_Cnt_M_lgc	0
ehDyn_ForceCenterOffset_HwDeg_M_f32	1197.33997
ehDyn_HiSpdLearnt_Cnt_M_lgc	

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Name	Input Value		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	-2840		
VehDyn_MinOffset_HwDeg_M_f32	-544.469971		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1.60000002		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000460999989		
VehDyn_SLPHwAuth_Uls_M_f32	0.127000004		
VehDyn_SLPHwPos_HwDeg_M_f32	339.730011 309385728		
VehDyn_SrlHwAgVldTimer_mS_M_u32 k HiSpdVDAuthority Uls f32	0		
k HwTqMgnThd HwNm f32	0.00120000006		
k LoSpdVDAuthority Uls f32	1		
k SrlHwAgVldTiThd mS u32	1000		
k_SysKinRatio_MtrDegpHwDeg_f32	96.5		
k TravelXCDeadband Uls f32	40.5699997		
k TravelXCHwAuthority Uls f32	0.245700002		
target DtrmnElapsedTime mS u32 ElapsedTime	2728878080		
target_GetSystemTime_mS_u32_CurrentTime	2430672128		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi	2127166208		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	Jls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	/Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-438.630005		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	959.854004		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.07999992		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	88.0999985		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1397.33997		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0 339.730011		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.8999998		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	52.8800011		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M Igc	0	0	resuit
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2430672128	2430672128	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809	2760420809	Ĵ
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1397.33997	-1397.33997 ± 0.009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1397.33997	-1397.33997 ± 0.009	-
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	_
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt lgc	1	1	-
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt lgc	1	1	-
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	2553156835	2553156835	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809	2760420809	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1397.33997	-1397.33997 ± 0.009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1397.33997	-1397.33997 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
	•		~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835	2553156835	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32		2553156835 2760420809	~
	2553156835		~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2553156835 2760420809 -1397.33997 -1397.33997	2760420809 -1397.33997 ± 0.009 -1397.33997 ± 0.009	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	2553156835 2760420809 -1397.33997 -1397.33997	2760420809 -1397.33997 ± 0.009 -1397.33997 ± 0.009	\ \ \
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	2553156835 2760420809 -1397.33997 -1397.33997 1	2760420809 -1397.33997 ± 0.009 -1397.33997 ± 0.009 1	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	2553156835 2760420809 -1397.33997 -1397.33997 1 0	2760420809 -1397.33997 ± 0.009 -1397.33997 ± 0.009 1 0	0
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	2553156835 2760420809 -1397.33997 -1397.33997 1 0 0	2760420809 -1397.33997 ± 0.009 -1397.33997 ± 0.009 1 0	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	2553156835 2760420809 -1397.33997 -1397.33997 1 0 0	2760420809 -1397.33997 ± 0.009 -1397.33997 ± 0.009 1 0 0	\(\frac{1}{2}\)
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	2553156835 2760420809 -1397.33997 -1397.33997 1 0 0 1	2760420809 -1397.33997 ± 0.009 -1397.33997 ± 0.009 1 0 0 1	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	2553156835 2760420809 -1397.33997 -1397.33997 1 0 0 1 1 1	2760420809 -1397.33997 ± 0.009 -1397.33997 ± 0.009 1 0 0 1 1 1	\(\frac{1}{2}\)
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	2553156835 2760420809 -1397.33997 -1397.33997 1 0 0 1 1 1 1 1 -2840	2760420809 -1397.33997 ± 0.009 -1397.33997 ± 0.009 1 0 0 1 1 1 1 1 -2840	0
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	2553156835 2760420809 -1397.33997 -1397.33997 1 0 0 1 1 1	2760420809 -1397.33997 ± 0.009 -1397.33997 ± 0.009 1 0 0 1 1 1	





Name	Actual Value	Expected Value	Result
VehDyn_SrlHwAgVldTimer_mS_M_u32	309385728	309385728	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.127000004	0.127000004 ± 0.004	~
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	-1057.60999	-1057.60999 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

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lame	Input Value
trmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
tetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
te_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
tte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	533.099976
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	236.100006
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.0999999
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.099985
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	33198
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	31368
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-913.679993
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000918000005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-913.679993
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000918000005
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124.5
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	216.539993
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.19999981
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.5
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38868
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	57944
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2760420809
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-913.679993
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000717999996
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-913.679993
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000427999999
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	124.400002
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	246.5
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.3999996
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.4000015
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	7034
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	39056
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420809
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-913.679993
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.1399998e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-913.679993
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000918000005
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn ForceCenterEnabled Cnt M lgc	1
ehDyn ForceCenterOffset HwDeg M f32	1297.25

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Name	Input Value		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	1440.10999		
VehDyn_MinOffset_HwDeg_M_f32	-551.190002		
VehDyn_PinTrqSV_M_str.SV_UIs_f32 VehDyn_PinTrqSV_M_str.K_UIs_f32	-14.8000002 0.000461999996		
VehDyn SLPHwAuth Uls M f32	0.136000007		
VehDyn SLPHwPos HwDeg M f32	349,98999		
VehDyn_SrlHwAgVldTimer_mS_M_u32	2659241984		
k HiSpdVDAuthority Uls f32	0.670000017		
k_HwTqMgnThd_HwNm_f32	1.10000002		
k_LoSpdVDAuthority_Uls_f32	0		
k_SrlHwAgVldTiThd_mS_u32	20045		
k_SysKinRatio_MtrDegpHwDeg_f32	32.5400009		
k_TravelXCDeadband_Uls_f32	42.1399994		
k_TravelXCHwAuthority_Uls_f32	0.246924996		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	824746752		
target_GetSystemTime_mS_u32_CurrentTime	2242866176		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target VehDyn Per1 MotorVelCRF MtrRadg		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32	_	
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessAuthority Uls f32	target VehDyn Per1 SensorlessAuthority U		
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessHwPos HwDeg f32	target VehDyn Per1 SensorlessHwPos Hw	_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	m f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cn		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-446.350006		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	954.284973		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.19000006		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-75		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-913.679993		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	349.98999		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.19999981 0		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	128		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M lgc	1	1	Result
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2760420809	2760420809	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784	2967684784	,
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-913.679993	-913.679993 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-913.679993	-913.679993 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	U	0	~
	0	0	Ž
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32		•	Ž
	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0 2242866176	0 2242866176	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0 2242866176 2967684784 -913.679993 -913.679993	0 2242866176 2967684784 -913.679993 ± 0.0009 -913.679993 ± 0.0009	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0 2242866176 2967684784 -913.679993 -913.679993 0	0 2242866176 2967684784 -913.679993 ± 0.0009 -913.679993 ± 0.0009 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0 2242866176 2967684784 -913.679993 -913.679993 0	0 2242866176 2967684784 -913.679993 ± 0.0009 -913.679993 ± 0.0009 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0 2242866176 2967684784 -913.679993 -913.679993 0 0	0 2242866176 2967684784 -913.679993 ± 0.0009 -913.679993 ± 0.0009 0 0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0 2242866176 2967684784 -913.679993 -913.679993 0 0	0 2242866176 2967684784 -913.679993 ± 0.0009 -913.679993 ± 0.0009 0 0	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0 2242866176 2967684784 -913.679993 -913.679993 0 0 0 1 1 2242866176	0 2242866176 2967684784 -913.679993 ± 0.0009 -913.679993 ± 0.0009 0 0 1 2242866176	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0 2242866176 2967684784 -913.679993 -913.679993 0 0 1 2242866176 2967684784	0 2242866176 2967684784 -913.679993 ± 0.0009 -913.679993 ± 0.0009 0 0 1 2242866176 2967684784	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	0 2242866176 2967684784 -913.679993 -913.679993 0 0 1 2242866176 2967684784 -913.679993	0 2242866176 2967684784 -913.679993 ± 0.0009 -913.679993 ± 0.0009 0 0 1 2242866176 2967684784 -913.679993 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	0 2242866176 2967684784 -913.679993 -913.679993 0 0 1 2242866176 2967684784 -913.679993 -913.679993	0 2242866176 2967684784 -913.679993 ± 0.0009 -913.679993 ± 0.0009 0 0 1 2242866176 2967684784 -913.679993 ± 0.0009 -913.679993 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0 2242866176 2967684784 -913.679993 -913.679993 0 0 1 2242866176 2967684784 -913.679993 -913.679993 0	0 2242866176 2967684784 -913.679993 ± 0.0009 -913.679993 ± 0.0009 0 1 2242866176 2967684784 -913.679993 ± 0.0009 -913.679993 ± 0.0009 0	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0 2242866176 2967684784 -913.679993 -913.679993 0 0 1 2242866176 2967684784 -913.679993 -913.679993 0 1	0 2242866176 2967684784 -913.679993 ± 0.0009 -913.679993 ± 0.0009 0 1 2242866176 2967684784 -913.679993 ± 0.0009 -913.679993 ± 0.0009 0 1	
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VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0 2242866176 2967684784 -913.679993 -913.679993 0 0 1 2242866176 2967684784 -913.679993 -913.679993 0 1 1	0 2242866176 2967684784 -913.679993 ± 0.0009 -913.679993 ± 0.0009 0 1 2242866176 2967684784 -913.679993 ± 0.0009 -913.679993 ± 0.0009 0 1 1 0	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	0 2242866176 2967684784 -913.679993 -913.679993 0 0 1 2242866176 2967684784 -913.679993 -913.679993 0 1 1 0 0	0 2242866176 2967684784 -913.679993 ± 0.0009 -913.679993 ± 0.0009 0 1 2242866176 2967684784 -913.679993 ± 0.0009 -913.679993 ± 0.0009 0 1 1 0 0	

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Name	Actual Value	Expected Value	Result
VehDyn_MinOffset_HwDeg_M_f32	467.329987	467.329987	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.794982	-14.794982 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2659241984	2659241984	✓
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	<b>✓</b>
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	-1600	-1600 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	<b>~</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

ame	Input Value
	•
trmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
etSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
te_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
te_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.399994
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.4000015
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.3999996
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.4000015
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58869
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
hDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027
hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000961999991
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	159
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	68.3000031
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.7999992
ehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	86
	12258
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000761999981
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000515999971
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	412.700012
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	106.699997
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.6999998
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.6999998
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352
hDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442
hDyn AutoCntrLoSpd M str.Timer1 mS u32	1024
hDyn AutoCntrLoSpd M str.Timer2 mS u32	54822322
hDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-714.090027
hDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.58000024e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
enDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	1297.25		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	1172.87		
VehDyn_MinOffset_HwDeg_M_f32	-363.029999 4.5		
VehDyn_PinTrqSV_M_str.SV_UIs_f32 VehDyn_PinTrqSV_M_str.K_UIs_f32	1.5 0.000483999989		
VehDyn_SLPHwAuth_Uls_M_f32	0.000463999969		
VehDyn_SLPHwPos_HwDeg_M_f32	62.7099991		
VehDyn SrlHwAgVldTimer mS M u32	62266624		
k_HiSpdVDAuthority_Uls_f32	0		
k_HwTqMgnThd_HwNm_f32	2.0999999		
k_LoSpdVDAuthority_UIs_f32	0.89999976		
k_SrlHwAgVldTiThd_mS_u32	951		
k_SysKinRatio_MtrDegpHwDeg_f32	63.3199997		
k_TravelXCDeadband_Uls_f32	3.38000011		
k_TravelXCHwAuthority_Uls_f32	0.212624997		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	309385728		
target_GetSystemTime_mS_u32_CurrentTime	2269150976		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_Elapsed$	Гі 1050692864		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTim$	e 2942063360		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_L	Jls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-430.290009		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1076.80298		
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1.11000001 -456		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-714.090027		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1600		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	Result
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	1024	1024	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322	54822322	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	-
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2269150976	2269150976	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322	54822322	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2269150976	2269150976	•
Valabora AutoOntal aCod Marta Tirana Carol 100	1	54822322	<b> </b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027 -714.090027	-714.090027 ± 0.0009 -714.090027 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	-714.090027 -714.090027 0	-714.090027 ± 0.0009 -714.090027 ± 0.0009 0	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	-714.090027 -714.090027 0	-714.090027 ± 0.0009 -714.090027 ± 0.0009 0	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	-714.090027 -714.090027 0	-714.090027 ± 0.0009 -714.090027 ± 0.0009 0	





Name	Actual Value	Expected Value	Result
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1172.87	1172.87	~
VehDyn_MinOffset_HwDeg_M_f32	283.800018	283.799988	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.49870157	1.49870157 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	622666624	622666624	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	<b>✓</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

ame	Input Value
trmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
etSystemTime mS u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
te_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
te_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
te Inst Ap VehDyn	target Rte Inst Ap VehDyn
ehDyn AllowHiSpdAutoCntr Cnt M Igc	0
ehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	554.099976
ehDyn AutoCntrDetSpd M str.VehSpd kph f32	84.0999985
ehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	4.099999
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.099985
ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	2291
ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	7778
hDyn AutoCntrDetSpd M str.Timer1 mS u32	4004004656
hDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	110.5
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000958000019
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	110.5
chDyn_AutoCntrDetSpd_M_str.ReinwFosFilt2SV_nwDeg_str.Sv_dis_i32	0.000958000019
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0.000936000019
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
hDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
hDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
hDyn_AutoCntrbetSpd_M_str.MtrVel_MtrRadpS_f32	456
hDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	35.7999992
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.3999996
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75.4499969
hDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	33198
hDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	7778
hDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004656
hDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	110.5
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000758000009
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	110.5
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000508000026
hDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
hDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
hDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
hDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
hDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	456.799988
hDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	86.8000031
hDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.80000019
hDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.8000031
hDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235
hDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27074
hDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004656
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	110.5
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.53999993e-005

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VehDyn\_Per1



venDyn_Per1			MACILL	10
Name	Input Value			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	110.5			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000958000019			
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1			
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0			
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0			
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0			
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0			
VehDyn_ForceCenterOffset_HwDeg_M_f32	1397.16003			
VehDyn_HiSpdLearnt_Cnt_M_lgc	1			
VehDyn_Initialize_Cnt_M_lgc	1			
VehDyn_LoSpdLearnt_Cnt_M_lgc	0			
VehDyn_MaxOffset_HwDeg_M_f32	1177.86206			
VehDyn_MinOffset_HwDeg_M_f32	-369.75			
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-5.4000001			
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000482000003			
VehDyn_SLPHwAuth_Uls_M_f32	0.256999999			
VehDyn_SLPHwPos_HwDeg_M_f32	72.9700012			
VehDyn_SrlHwAgVldTimer_mS_M_u32	745122048			
k_HiSpdVDAuthority_Uls_f32	0			
k_HwTqMgnThd_HwNm_f32	3.099999			
k_LoSpdVDAuthority_Uls_f32	1			
<_SrlHwAgVldTiThd_mS_u32	4856			
k_SysKinRatio_MtrDegpHwDeg_f32	54.2999992			
k_TravelXCDeadband_Uls_f32	2.3499999			
k_TravelXCHwAuthority_UIs_f32	0.213850006			
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4164171008			
arget_GetSystemTime_mS_u32_CurrentTime	3533260288			
arget_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT				
arget_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime				
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32			
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32	-		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	vDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mtrl	_		
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_C			
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	32		
rarget_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-424.029999			
arget_VehDyn_Per1_CwEOT_HwDeg_f32.value	1071.23401			
arget_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.22000003			
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.109985			
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	110.5			
arget_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1			
arget_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1200.09998			
arget_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.29999995			
arget_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0			
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	499.220001	1		
Name	Actual Value	Expected Value	F	Resu
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0		
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004656	4004004656		
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631	4211268631		
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	110.5	110.5 ± 0.0009		
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	110.5	110.5 ± 0.0009		
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0		
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0		
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0		
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1		
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004656	4004004656		
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631	4211268631		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	110.5	110.5 ± 0.0009		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	110.5	110.5 ± 0.0009		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1		
VahDun AutoCatal liCad Mata Filtert Initialized Cat. Inc.	0	0		

0

4004004656

4211268631

110.5

110.5

0

4004004656

4211268631

110.5 ± 0.0009

110.5 ± 0.0009

VehDyn\_AutoCntrHiSpd\_M\_str.Filter1Initialized\_Cnt\_lgc

VehDyn\_AutoCntrHiSpd\_M\_str.Filter2Initialized\_Cnt\_lgc

 $VehDyn\_AutoCntrLoSpd\_M\_str.RelHwPosFilt1SV\_HwDeg\_str.SV\_Uls\_f32$ 

 $VehDyn\_AutoCntrLoSpd\_M\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32$ 

VehDyn\_AutoCntrLoSpd\_M\_str.Timer1\_mS\_u32 VehDyn\_AutoCntrLoSpd\_M\_str.Timer2\_mS\_u32





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	•
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_MaxOffset_HwDeg_M_f32	960.734009	960.734009	~
VehDyn_MinOffset_HwDeg_M_f32	-369.75	-369.75	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.39797401	-5.39797354 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	745122048	745122048	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1200.09998	-1200.09998 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lame	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime
tte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	600.200012
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	64.1999969 16.200008
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.2000008 41.2000008
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	38868
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	38708
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2160073393
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000959999976
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000959999976
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	566.799988
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	75.5
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.7999992
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	97
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21335
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	34188
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4211268631
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2160073393
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000760000024
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000511999999
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	1
'ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	1
ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	566.900024
ehDyn AutoCntrLoSpd M str.VehSpd kph f32	96.9000015
/ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	8.8999962
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	42.9000015
/ehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	53759
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	18715
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2160073393
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014,73999
/ehDyn_AutoCntrLoSpd_M_str.ReinwFosFilt13V_nwDeg_str.Sv_ois_132	7.56000009e-005

VehDyn\_AutoCntrLoSpd\_M\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32

2015-09-15, 13:22:52+0530

Input Value

-1014.73999



VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000959999976		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn ForceCenterOffset HwDeg M f32	1497.06995		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	1182.854		
VehDyn_MinOffset_HwDeg_M_f32	-376.470001		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.5999999		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000483000011		
VehDyn_SLPHwAuth_Uls_M_f32	0.238000005		
VehDyn_SLPHwPos_HwDeg_M_f32	83.2300034		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1480487040		
k_HiSpdVDAuthority_UIs_f32	1		
k_HwTqMgnThd_HwNm_f32	4.0999999		
k_LoSpdVDAuthority_UIs_f32	0		
k_SrlHwAgVldTiThd_mS_u32	90		
k_SysKinRatio_MtrDegpHwDeg_f32	41.0999985		
k_TravelXCDeadband_Uls_f32	1.32000005		
k_TraveIXCHwAuthority_UIs_f32	0.215075001		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	437658624		
target_GetSystemTime_mS_u32_CurrentTime	812314880		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_target_Rte_Call_Ap_VehDyn_SystemTime_CatSystemTime_mS_u32_CurrentTime			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	1736795392		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_L	Jls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	/Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3.		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-417.769989	_	
	1065.66504		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value			
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.33000004		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.440002		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1014.73999		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	0		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	120.410004		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	_
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631	4211268631	<b>~</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2160073393	2160073393	
		-1014.73999 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1014.73999		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1014.73999	-1014.73999 ± 0.009	<b>V</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
Vola Divis Auto Control LiCord M. ata Timorat. mC 1122			<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	812314880	812314880	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	812314880 2160073393	812314880 2160073393	~
			<b>V</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2160073393	2160073393	· ·
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2160073393 -1014.73999 -1014.73999	2160073393 -1014.73999 ± 0.009 -1014.73999 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	2160073393 -1014.73999 -1014.73999 0	2160073393 -1014.73999 ± 0.009 -1014.73999 ± 0.009 0	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	2160073393 -1014.73999 -1014.73999 0	2160073393 -1014.73999 ± 0.009 -1014.73999 ± 0.009 0	· ·
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	2160073393 -1014.73999 -1014.73999 0 0	2160073393 -1014.73999 ± 0.009 -1014.73999 ± 0.009 0 0	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	2160073393 -1014.73999 -1014.73999 0 0 1	2160073393 -1014.73999 ± 0.009 -1014.73999 ± 0.009 0 0	· · · · · · · · · · · · · · · · · · ·
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2160073393 -1014.73999 -1014.73999 0 0 1 1 1 812314880	2160073393 -1014.73999 ± 0.009 -1014.73999 ± 0.009 0 0 1 1 1 812314880	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2160073393 -1014.73999 -1014.73999 0 0 1 1 1 812314880 2160073393	2160073393 -1014.73999 ± 0.009 -1014.73999 ± 0.009 0 0 1 1 1 812314880 2160073393	· · · · · · · · · · · · · · · · · · ·
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2160073393 -1014.73999 -1014.73999 0 0 1 1 1 812314880	2160073393 -1014.73999 ± 0.009 -1014.73999 ± 0.009 0 0 1 1 1 812314880	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	1065.66504	1065.66504	~
VehDyn_MinOffset_HwDeg_M_f32	-417.769989	-417.769989	<b>~</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.59575272	7.59575272 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1480487040	1480487040	✓
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

est Step 2.237 (Repeat Count = 1)	Input Value
rmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
etSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
e Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime
e Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
e_lost_Ap_venbyn_system=ime_detsystem=ime_ins_usz(current=ime)  e_lnst_Ap_venbyn_	
e_inst_Ap_venDyin  hDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	target_Rte_Inst_Ap_VehDyn
ehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	200.300003
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.2999992
	14.300002
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	63,2999992
hDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58869
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-284.299988
hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000961999991
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-284.299988
hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
hDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
hDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	159
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	68.5
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.7999992
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.9000015
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
ehDyn AutoCntrHiSpd M str.Timer2 mS u32	54822322
ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-284.299988
ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000761999981
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-284.299988
ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000515999971
ehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	0
ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	1
ehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	1
ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0
ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	412.5
ehDyn AutoCntrLoSpd M str.VehSpd kph f32	106.5
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.5
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.5
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352
shbyn_Autochtruopu_w_str. filler i ffilesti_ffio_u fo	14442

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-284.299988		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.58000024e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-284.299988		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	1596.97998		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn MaxOffset HwDeg M f32	1187.84595		
VehDyn_MinOffset_HwDeg_M_f32	-383.190002		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.5		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000483999989		
VehDyn SLPHwAuth Uls M f32	0.218999997		
VehDyn SLPHwPos HwDeg M f32	93.4899979		
VehDyn_SrlHwAgVldTimer_mS_M_u32	307663360		
k_HiSpdVDAuthority_Uls_f32	0		
k_HwTqMgnThd_HwNm_f32	5.0999999		
k_LoSpdVDAuthority_Uls_f32	1		
k_SrlHwAgVldTiThd_mS_u32	70		
k_SysKinRatio_MtrDegpHwDeg_f32	63.2000008		
k_TravelXCDeadband_Uls_f32	2.8900001		
k_TraveIXCHwAuthority_UIs_f32	0.216299996		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3941357312		
target_GetSystemTime_mS_u32_CurrentTime	3437401088		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mSu32\_Ela$			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	3437401088		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadg		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	m f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cn		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32		
target VehDyn Per1 CcwEOT HwDeg f32.value	-411.51001		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1060.09595		
target VehDyn Per1 HwTorque HwNm f32.value	-1.44000006		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-456		
target VehDyn Per1 RelHwPos HwDeg f32.value	-284.299988		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	1000.25		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024	1024	<b>~</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322	54822322	<b>~</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-284.299988	-284.299988 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-284.299988	-284.299988 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024	1024	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322	54822322	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-284.299988	-284.299988 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-284.299988	-284.299988 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>V</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024	1024	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322	54822322	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-284.299988	-284.299988 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-284.299988	-284.299988 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	1060.09595	1060.09595	~
VehDyn_MinOffset_HwDeg_M_f32	-411.51001	-411.51001	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.49854183	1.49854183 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	307663360	307663360	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.218999997	0.218999997 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-190.809998	-190.809998 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	<b>~</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	<b>✓</b>

Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
tte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1.
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	457.100006
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	34.0999985
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.1000004
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	88.0999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20423
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18715
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.78003
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000964000006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.78003
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000964000006
/ehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1
/ehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	1
/ehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1
/ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt lgc	0
/ehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	10.1000004
/ehDyn AutoCntrHiSpd M str.VehSpd kph f32	45.7999992
/ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	18.3999996
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	42.2999992
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	29076
/ehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	43868
/ehDyn AutoCntrHiSpd M str.Timer1 mS u32	54822322
/ehDyn AutoCntrHiSpd M str.Timer2 mS u32	1024
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1259.78003
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000763999997
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1259.78003
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000520000001
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	10.6000004
/ehDyn AutoCntrLoSpd M str.VehSpd kph f32	116.599998
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.6000004
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	53.599985
/ehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	21364
/ehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	52716

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	1259.78003 7.51999978e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.78003		
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000964000006		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	1297.25		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	-1192.83801		
VehDyn_MinOffset_HwDeg_M_f32	-389.910004		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1.60000002		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000484999997		
VehDyn_SLPHwAuth_Uls_M_f32	0.200000003		
VehDyn_SLPHwPos_HwDeg_M_f32	103.75		
VehDyn_SrlHwAgVldTimer_mS_M_u32  k_HiSpdVDAuthority_Llls_f32	1095910784		
k_HiSpdVDAuthority_Uls_f32 k_HwTqMgnThd_HwNm_f32	6.099999		
k_nw1qwg1111a_nwn111_132 k LoSpdVDAuthority Uls f32	0		
k_SrlHwAgVldTiThd_mS_u32	456		
k_SysKinRatio_MtrDegpHwDeg_f32	88.8000031		
k_TravelXCDeadband_Uls_f32	4.46000004		
k_TravelXCHwAuthority_Uls_f32	0.217525005		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3304439296		
target_GetSystemTime_mS_u32_CurrentTime	3494315776		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_ElapseDTime\_mS\_u33\_ElapseD$	954802432		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	3494315776		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadp		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVId_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrN	m f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cn		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32		
target VehDyn Per1 CcwEOT HwDeg f32.value	-405.25		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1054.52698		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.54999995		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	987.5		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1259.78003		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	1600		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	245.641006		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322	54822322	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024	1024	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.78003	1259.78003 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.78003	1259.78003 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>*</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
Velicina Auto-Onto-Arond Mark Fill Of the Local	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0404045770		<b>V</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3494315776	3494315776	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024	1024	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1024 1259.78003	1024 1259.78003 ± 0.009	<b>*</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1024 1259.78003 1259.78003	1024 1259.78003 ± 0.009 1259.78003 ± 0.009	<b>*</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1024 1259.78003 1259.78003 0	1024 1259.78003 ± 0.009 1259.78003 ± 0.009 0	<i>y</i>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1024 1259.78003 1259.78003	1024 1259.78003 ± 0.009 1259.78003 ± 0.009	~



Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3494315776	3494315776	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024	1024	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.78003	1259.78003 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.78003	1259.78003 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	-1192.83801	-1192.83801	~
VehDyn_MinOffset_HwDeg_M_f32	-389.910004	-389.910004	•
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1.60000253	-1.60000253 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1095910784	1095910784	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-37.4699707	-37.4700012 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Input Value
Input value
target_DtrmnElapsedTime_mS_u32_ElapsedTime
target_GetSystemTime_mS_u32_CurrentTime
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
target_Rte_Inst_Ap_VehDyn
1
86.1999969
18.2000008
3.20000005
85.1999969
33198
7778
2345892860
3589476707
267.709991
0.000661999977
267.709991
0.000661999977
0
0
1
1
56.0999985
88.8000031
1.5
96.8000031
21335
34188
2345892860
3589476707
267.709991
0.000248700002
267.709991
0.000791999977
1
1
1
0
86.6999969
18.2999992

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VehDyn\_Per1



· -					
Name	Input Value				
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.70000005	3.70000005			
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	85.3000031				
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	33198				
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	7778				
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892860				
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476707				
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	267.709991				
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.73999995e-005				
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	267.709991				
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000661999977				
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1				
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0				
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0				
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0				
VehDyn_ForceCenterEnabled_Cnt_M_lgc	-1000.67999				
VehDyn_ForceCenterOffset_HwDeg_M_f32 VehDyn_HiSpdLearnt_Cnt_M_lgc	1				
VehDyn_Initialize_Cnt_M_lgc	1				
VehDyn_LoSpdLearnt_Cnt_M_lgc	1				
VehDyn_MaxOffset_HwDeg_M_f32	399.109985				
VehDyn MinOffset HwDeg M f32	-1399.05005				
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-14.8000002				
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000257000007				
VehDyn SLPHwAuth Uls M f32	0.897000015				
VehDyn SLPHwPos HwDeg M f32	-1527.58997				
VehDyn SrlHwAgVldTimer mS M u32	463842816				
k HiSpdVDAuthority Uls f32	0.123000003				
k_HwTqMgnThd_HwNm_f32	0				
k_LoSpdVDAuthority_Uls_f32	1				
k_SrlHwAgVldTiThd_mS_u32	3229				
k_SysKinRatio_MtrDegpHwDeg_f32	96.3000031				
k_TravelXCDeadband_Uls_f32	9.89000034				
k_TravelXCHwAuthority_Uls_f32	0.0227499995				
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2167769344				
target_GetSystemTime_mS_u32_CurrentTime	463842816				
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_Elapsed$	dTi 2728878080				
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u332\_CurrentTime\_$	me 463842816				
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f	f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f3	32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_	_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrR	RadpS_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg	_f32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority				
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_	_HwDegf32			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lg				
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f				
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_M				
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_				
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph	_f32			
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1400.58997				
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	440.682007				
target_VehDyn_Per1_HwTorque_HwNm_f32.value	5.5				
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	753.570007				
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	267.709991				
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1527.58997				
target_VenDyn_Per1_SnHwAg_HwDeg_r3z.value target_VenDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.60000002				
	0				
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	30.0400009				
Name	Actual Value	Exposted Value	Dagui		
	1	Expected Value	Resu		
VehDyn_AltoCatrDetSnd_M_str_Timerd_mS_u32	1 2345892860	2345892860			
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476707	3589476707			
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991 ± 0.0009			
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991 ± 0.0009			
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	267.709991 ± 0.0009			
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0			
VehDyn_AutoCntrDetSpd_M_str.Filter2Eriable_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1			
VehDyn_AutoCntrDetSpd_M_str.Filter1mittalized_Cnt_lgc  VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1			
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	463842816	463842816			
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_us2  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_us2	3589476707	3589476707			
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991 ± 0.0009			
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991 ± 0.0009			
. ,			1		

267.709991

 $VehDyn\_AutoCntrHiSpd\_M\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32$ 

267.709991 ± 0.0009



Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892860	2345892860	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476707	3589476707	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	172.972015	172.972	~
VehDyn_MinOffset_HwDeg_M_f32	-1399.05005	-1399.05005	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.7947874	-14.7947874 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	463842816	463842816	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.123000003	0.123000003 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0	0 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.240 (Repeat Count = 1)	· ·
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	75.0999985
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	88.0999985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	1.10000002
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	34188
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000663999992
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000663999992
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	76.0999985
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.2999992
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000289399992
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000793999992
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	75.5		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	88.8000031		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1.5		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.8000031		
VehDyn_AutoCotrl_oSpd_M_str.Timer1Thresh_mS_u16	21335		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	34188 2553156835		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.78000007e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000663999992		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc VehDyn_ForceCenterOffset_HwDeg_M_f32	-900.77002		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn Initialize Cnt M Igc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	404.10199		
VehDyn_MinOffset_HwDeg_M_f32	-1392.36597		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7999992		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000257999985		
VehDyn_SLPHwAuth_Uls_M_f32	0.882000029		
VehDyn_SLPHwPos_HwDeg_M_f32	-1517.32996		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1463935616		
k_HiSpdVDAuthority_Uls_f32	0.637000024		
k_HwTqMgnThd_HwNm_f32	0		
k_LoSpdVDAuthority_Uls_f32 k_SrlHwAgVldTiThd_mS_u32	987		
k_SysKinRatio_MtrDegpHwDeg_f32	32.5		
k TravelXCDeadband Uls f32	11.3299999		
k_TravelXCHwAuthority_Uls_f32	0.0239749998		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3714197504		
target_GetSystemTime_mS_u32_CurrentTime	1759885568		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_Elapsed$	1Ti 824746752		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u33\_CurrentTim$	ne 1759885568		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_Mtr	· <del>-</del>	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg	<del>-</del>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessAuthori target_VehDyn_Per1_SensorlessHwPos		
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAgVld Cnt lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_l		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target VehDyn Per1 SrlHwAg HwDeg		
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target_VehDyn_Per1_TorqueCmdCRF_I		
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeedValid Cnt Igc	target_VehDyn_Per1_VehicleSpeedValid		
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target_VehDyn_Per1_VehicleSpeed_Kpl		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1394.32996	_	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	451.588989		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-7.30000019		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	159.455994		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-293.049988		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1517.32996		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1 25 9900004		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	35.8899994	Eypocted Value	
Name VohDun AllowHiSedAutoCotr Cot M Ico	Actual Value	Expected Value	Resu
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	2553156835	1 2553156835	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835 3796740682	3796740682	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1759885568	1759885568	
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	3796740682	3796740682	

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1759885568	1759885568	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682	3796740682	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	-
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	451.588989	451.588989	~
VehDyn_MinOffset_HwDeg_M_f32	-1394.32996	-1394.32996	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.79356	17.79356 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1463935616	1463935616	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	607.720032	607.719971 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.241 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1.
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	98.5
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	76.5
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.5
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	32.5
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004656
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-627.179993
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000666000007
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-627.179993
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000666000007
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1.
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	75.5
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	86.5
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52.2999992
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	29076
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	43868
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2760420809
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-627.179993
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000330100011
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-627.179993
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000796000008

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Name	Input Value		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0		
	98.8000031		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32			
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	76.5		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.79999995		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32.5		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	12258		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36416		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420809		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004656		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-627.179993		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.82000001e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-627.179993		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000666000007		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn ForceCenterEnabled Cnt M Igc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-800.859985		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	409.093994		
VehDyn_MinOffset_HwDeg_M_f32	-1385.68201		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-7		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000258999993		
VehDyn_SLPHwAuth_Uls_M_f32	0.866999984		
VehDyn_SLPHwPos_HwDeg_M_f32	-1507.06995		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1662097408		
k_HiSpdVDAuthority_UIs_f32	0.278719991		
k_HwTqMgnThd_HwNm_f32	5.4000001		
k_LoSpdVDAuthority_Uls_f32	1		
k_SrlHwAgVldTiThd_mS_u32	16445		
k_SysKinRatio_MtrDegpHwDeg_f32	52.2999992		
k_TravelXCDeadband_Uls_f32	12.7700005		
k_TravelXCHwAuthority_Uls_f32	0.0252		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4243378688		
target_GetSystemTime_mS_u32_CurrentTime	3941357312		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target VehDyn Per1 RelHwPos HwDeg f3.	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_L	lls f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	-0	
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAg HwDeg f32			
V =	target_VehDyn_Per1_SrlHwAg_HwDeg_f32	m 100	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1388.06995		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	462.496002		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-7.0999999		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1100.45801		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-627.179993		
	0		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value			
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1507.06995		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.80000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	36.4199982		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	-
		2760420809	-
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809		
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-627.179993	-627.179993 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-627.179993	-627.179993 ± 0.0009	~
Valabour AutoOutoDatOut Mata FiltantFaable Out Inc	0	0	

0

 $VehDyn\_AutoCntrDetSpd\_M\_str.Filter1Enable\_Cnt\_lgc$ 

VehDyn\_AutoCntrDetSpd\_M\_str.Filter2Enable\_Cnt\_lgc

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3941357312	3941357312	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-627.179993	-627.179993 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-627.179993	-627.179993 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-627.179993	-627.179993 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-627.179993	-627.179993 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	462.496002	462.496002	~
VehDyn_MinOffset_HwDeg_M_f32	-1388.06995	-1388.06995	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-7.00006962	-7.00006962 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1662097408	1662097408	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	173.679993	173.679993 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.242 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	290.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.199997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	54.2000008
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3277
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	383750110
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000951999973
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000951999973
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1.
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	341
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96.1999969
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	78.1999969
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20423
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31368
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	383750110
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000752000022

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Name	Input Value		_
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000495999993		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	34.099985		
VehDyn_AutoCotrl oSpd_M_str.VehSpd_kph_f32	136.100006 1.29999995		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32.0999985		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	26195		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22037		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	383750110		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003		
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.4800002e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000951999973		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-201.399994		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	1243.65002		
VehDyn_MinOffset_HwDeg_M_f32	-685.590027		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	14		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000479000009		
VehDyn_SLPHwAuth_Uls_M_f32	1		
VehDyn_SLPHwPos_HwDeg_M_f32	45.7999992		
VehDyn_SrlHwAgVIdTimer_mS_M_u32	2127166208		
k_HiSpdVDAuthority_Uls_f32 k_HwTqMgnThd_HwNm_f32	0.0500000007		
k_LoSpdVDAuthority_Uls_f32	1		
k_SrlHwAgVldTiThd_mS_u32	65		
k SysKinRatio MtrDegpHwDeg f32	86.5		
k TravelXCDeadband Uls f32	53.1300011		
k TravelXCHwAuthority Uls f32	0.31674999		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3323480832		
target_GetSystemTime_mS_u32_CurrentTime	1662097408		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	lls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-577.590027		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	859.612		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	6		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.25		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1146.91003		
target_VehDyn_Per1_SrlHwAg.Vld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	45.7999992		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	99.9899979		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value		Exposted Value	Doords
Name VohDun AllowHiSodAutoCotr Cot M Ico	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	292750110	-4
VehDyn_AutoCotrDetSpd_M_str.Timer1_mS_u32	383750110	383750110	<b>*</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2760420809 1146.91003	2760420809 1146.91003 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	•





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1662097408	1662097408	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	383750110	383750110	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1146.91003	1146.91003 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	-287.298035	-287.298004	~
VehDyn_MinOffset_HwDeg_M_f32	-685.590027	-685.590027	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.9961948	13.9961948 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2127166208	2127166208	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1348.31006	1348.31006 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	-

Test Step 2.243 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime$
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	66.9000015
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	86.9000015
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.9000001
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.9000015
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	29076
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	43868
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-177.479996
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000668000022
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-177.479996
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000668000022
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	98.0999985
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96.0999985
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6.5
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	41.0999985
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	32821
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	4211268631

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VehDyn\_Per1



Name	Input Value		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-177.479996		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.0003708		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-177.479996		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000798000023		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	66.0999985		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	86.199969		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.2000008		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	29076		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	43868		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	-177.479996 2.85999995e-005		
VehDyn AutoCntrLoSpd M str.RelHwPosFilt/SV_HwDeg_str.R_0is_i32	-177.479996		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000668000022		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-700.950012		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	414.085999		
VehDyn_MinOffset HwDeg M f32	-1378.99805		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	6.30000019		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000260000001		
VehDyn_SLPHwAuth_Uls_M_f32	0.851999998		
VehDyn_SLPHwPos_HwDeg_M_f32	-1496.81006		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1050692864		
k_HiSpdVDAuthority_Uls_f32	0.277799994		
k_HwTqMgnThd_HwNm_f32	2.0999999		
k_LoSpdVDAuthority_UIs_f32	0		
k_SrlHwAgVldTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32	41.5		
k TravelXCDeadband Uls f32	14.21		
k TravelXCHwAuthority Uls f32	0.0264250003		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1050692864		
target_GetSystemTime_mS_u32_CurrentTime	3304439296		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u322\_Elapse$	edTi 2659241984		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTi	me 1050692864		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3 target_VehDyn_Per1_MotorVelCRF_MtrRa		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_venDyn_Per1_MotorveiCRF_MtrRa target_VehDyn_Per1_RelHwPos_HwDeg_t	· -	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target VehDyn Per1 SensorlessAuthority		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_H	<del>-</del>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgo		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f3.		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mtr	Nm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_0		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_t	32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1381.81006		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	473.403015		
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	8.85000038 -759.549988		
target_venDyn_Per1_motorveiCRF_intrRadpS_132.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-177.479988		
target VehDyn Per1 SrlHwAgVld Cnt Igc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1496.81006		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	38.8800011		
Name	Actual Value	Expected Value	Resul
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784	2967684784	•
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	4211268631	4211268631	

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-177.479996	-177.479996 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-177.479996	-177.479996 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3304439296	3304439296	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631	4211268631	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-177.479996	-177.479996 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-177.479996	-177.479996 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3304439296	3304439296	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631	4211268631	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-177.479996	-177.479996 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-177.479996	-177.479996 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	414.085999	414.085999	•
VehDyn_MinOffset_HwDeg_M_f32	-1204.33008	-1204.32996	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.30071831	6.30071831 ± 0.000009	•
VehDyn_SrlHwAgVldTimer_mS_M_u32	1050692864	1050692864	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	523.470032	523.469971 ± 0.1	<b>✓</b>

Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	<b>~</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	-
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.244 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	34.7999992
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	96.8000031
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.80000019
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	41.7999992
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000669999979
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000669999979
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	665
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	106.5
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	63.4000015

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	40437
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	13059
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948758
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	731.700012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00041149999
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00079999998
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	34.200008
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	96.0999985
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.19999981
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.0999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948758
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCotrl oSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	731.700012
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.90000007e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32	0.000669999979
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	-601.039978
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	419.078003
VehDyn_MinOffset_HwDeg_M_f32	-1372.31396
VehDyn_PinTrqSV_M_str.SV_UIs_f32	15.1999998 0.000261000008
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.837000012
VehDyn_SLPHwAuth_Uls_M_f32	-1486.55005
VehDyn_StPHwPos_HwDeg_M_f32	3039943680
VehDyn_SrlHwAgVldTimer_mS_M_u32 k HiSpdVDAuthority Uls f32	0.272780001
k HwTqMgnThd HwNm f32	3.099999
k LoSpdVDAuthority UIs f32	1
k_SrlHwAgVIdTiThd_mS_u32	100000
k_SysKinRatio_MtrDegpHwDeg_f32	63.0999985
k TravelXCDeadband Uls f32	15.6499996
k_TraveIXCHwAuthority_Uls_f32	0.0276500005
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3039943680
target GetSystemTime mS u32 CurrentTime	2167769344
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTi	
target_Rte_Call_Ap_VehDyn_SystemTime_Diffinit_lapsetTime_mS_u32_CurrentTime	
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target VehDyn Per1 CcwEOT HwDeg f32
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg f32	target VehDyn Per1 CwEOT HwDeg f32
target Rte Inst Ap VehDyn.VehDyn Per1 HwTorque HwNm f32	target VehDyn Per1 HwTorque HwNm f32
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target VehDyn Per1 SensorlessAuthority Uls f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target VehDyn Per1 SensorlessHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_vehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1375.55005
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	484.30998
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.10000038
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154.199997
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	731.700012
target VehDyn Per1 SrlHwAgVld Cnt Igc.value	1
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1486.55005
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	0
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	45.7900009





Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758	3174948758	✓
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024	1024	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2167769344	2167769344	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024	1024	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948758	3174948758	✓
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024	1024	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	✓
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	-247.390015	-247.389999	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-1372.31396	-1372.31396	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	15.1936579	15.1936579 ± 0.00009	<b>✓</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	3039943680	3039943680	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	<b>✓</b>
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1332.73999	1332.73999 ± 0.1	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.245 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	2.0999999
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.099998
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	40437
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	13059
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-968.400024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000671999995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-968.400024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000671999995
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	34.0999985
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	116.099998
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	88.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3382212733
	54822322
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-968.400024
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000452200009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-968.400024
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000801999995
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	2.0999999
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	106.199997
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	63.2000008
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	40437
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	13059
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-968.400024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.94000001e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-968.400024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000671999995
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt lgc	1
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	1
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn ForceCenterCrisabled_Crit_M_igc  VehDyn ForceCenterCrisabled_Crit_M_igc	-501.130005
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	424.070007
VehDyn_MinOffset_HwDeg_M_f32	-1365.63
VehDyn_PinTrqSV_M_str.SV_Uls_f32	14
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000261999987
VehDyn_SLPHwAuth_Uls_M_f32	0.822000027
VehDyn_SLPHwPos_HwDeg_M_f32	-1476.29004
VehDyn_SrlHwAgVldTimer_mS_M_u32	1316564736
k_HiSpdVDAuthority_Uls_f32	0.899999976
k_HwTqMgnThd_HwNm_f32	4.0999999
k_LoSpdVDAuthority_UIs_f32	0
k_SrlHwAgVldTiThd_mS_u32	500
k_SysKinRatio_MtrDegpHwDeg_f32	88.3000031
k TravelXCDeadband Uls f32	17.0900002
k_TravelXCHwAuthority_Uls_f32	0.0288750008
target DtrmnElapsedTime mS u32 ElapsedTime	1316564736
target GetSystemTime mS u32 CurrentTime	3714197504
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTi	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg f32	target_VehDyn_Per1_CwEOT_HwDeg_r32
target_Rte_Inst_Ap_venDyn.VenDyn_Per1_HwTorque_HwNm_f32	target VehDyn Per1 HwTorque HwNm f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1369.29004
	495.21701
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	5.5
	0.0
	-759.299988
target_VehDyn_Per1_HwTorque_HwNm_f32.value	
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.299988
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-759.299988 -968.400024
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVid_Cnt_igc.value	-759.299988 -968.400024 0





Name	Input Value		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	456.140015		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733	3382212733	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322	54822322	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-968.400024	-968.400024 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-968.400024	-968.400024 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	-
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3714197504	3714197504	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322	54822322	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-968.400024	-968.400024 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-968.400024	-968.400024 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	-
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3714197504	3714197504	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322	54822322	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-968.400024	-968.400024 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-968.400024	-968.400024 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_Initialize_Cnt_M_lgc	1	1	•
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_MaxOffset_HwDeg_M_f32	495.21701	495.21701	•
VehDyn_MinOffset_HwDeg_M_f32	-1369.29004	-1369.29004	•
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.9977865	13.9977865 ± 0.00009	•
VehDyn_SrlHwAgVldTimer_mS_M_u32	1316564736	1316564736	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.822000027	0.822000027 ± 0.004	•
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	•

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	-
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	-
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	<b>~</b>

Test Step 2.246 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	124.099998
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	206.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	3.0999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	97.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	30404
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	30349
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	267.709991
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000847999996
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	267.709991
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000847999996
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	138
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	156
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	34188 2553156835
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	267.709991
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000636000012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	267.709991
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000264000002
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	1 0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	100.599998
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	124.699997
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.5999999
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	88.6999969
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21364
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52716
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCotrl_oSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	267.709991 7.58000024e-005
VehDyn_AutoCntrLoSpd_M_str.ReinwPosFitt1SV_hwDeg_str.N_uis_i32  VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFitt2SV_hwDeg_str.SV_Uls_f32	267.709991
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000847999996
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1600 1
VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn MaxOffset HwDeg M f32	863.366028
VehDyn_MinOffset_HwDeg_M_f32	-777.437988
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.80000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000421000004
VehDyn_SLPHwAuth_Uls_M_f32	0.589999974
VehDyn_SLPHwPos_HwDeg_M_f32	-573.409973
VehDyn_SrlHwAgVldTimer_mS_M_u32	0
k_HiSpdVDAuthority_UIs_f32 k_HwTqMqnThd_HwNm_f32	0
k LoSpdVDAuthority Uls f32	1
k_SrlHwAgVldTiThd_mS_u32	1385
k_SysKinRatio_MtrDegpHwDeg_f32	86.0999985
k_TravelXCDeadband_Uls_f32	67.2399979
k_TravelXCHwAuthority_Uls_f32	0.136675
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2269150976
target_GetSystemTime_mS_u32_CurrentTime	2659241984
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	1050692864 target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_vehDyn.VehDyn_Per1_vehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
0	_ v = _ v = v = v = v = m = m
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-818.409973
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value	-818.409973 1422.08105
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1422.08105





Name	Input Value		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-573.409973		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	135.139999		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2659241984	2659241984	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682	3796740682	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>~</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	·
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835	2553156835	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682	3796740682	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835	2553156835	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682	3796740682	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	1422.08105	1422.08105	•
VehDyn_MinOffset_HwDeg_M_f32	-818.409973	-818.409973	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.79913568	7.79913568 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1050692864	1050692864	<b>*</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	·
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600	1600 ± 0.1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	-

Test Step 2.247 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	138.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	216.199997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	1.20000005
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.1999969
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	10412
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3277
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000850000011
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000850000011
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1

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Name  Verbildy Ausbrüchseid M. ser Finer Echsels Ch. 150  Verbildy Ausbrüchseid M. 150  Verbildy A		
Valtops_Assiontenseq_Lise_an Parallamation Carlige         1           Valtops_Assiontenseq_Lise_an November_Lise_and         81 1000000           Valtops_Assiontenseq_Lise_and_valtops_DSS         85 1000000           Valtops_Assiontenseq_Lise_and_valtops_DSS         100           Valtops_Assiontenseq_Lise_and_valtops_DSS         50 0000000           Valtops_Assiontenseq_Lise_and_valtops_DSS         50 000000           Valtops_Assiontenseq_Lise_and_valtops_DSS         200 000000           Valtops_Assiontenseq_Lise_and_valtops_DSS         200 0000000           Valtops_Assiontenseq_Lise_and_valtops_DSS         200 00000000000000           Valtops_Assiontenseq_Lise_and_valtops_DSS_DSS_DSS_DSS_DSS_DSS_DSS_DSS_DSS_DS	Name	Input Value
Velicy Autochesis M. strikenished Dr. to 1999   Velicy Autochesis M. strikenished Dr. to 1999   Velicy Autochesis M. strikenished July 125   Velicy Autoch	VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
Veoling Auscherising M. gar Veoling   1927   106   106   100   1	VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VeoDrop, Ausconicided, M. et Pubrich, 1946; 1959   VeoDrop, Ausconicided, M. et Pubrich, 1946; 1925   VeoDrop, Ausconicided, M. et Turch Tribus, 1951   VeoDrop, Ausconicided, M. et Turch Tribus, 1951   VeoDrop, Ausconicided, M. et Turch Tribus, 1951   VeoDrop, Ausconicided, M. et Turch Tribus, 1952   VeoDrop, Ausconicided, M. et Turch Tribus, 1954   VeoDrop, Ausconicided, M. et Turch Tribus,	VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
Vestory, Auschersberg, M. gen Certificate, 1982. 14  Vestory, Auschersberg, M. gen Certificate, 1982. 14  Vestory, Auschersberg, M. gen Certificate, 1982. 15  Vestory, Auschersberg, M. gen Terred Timest, 1982. 15  Vestory, Auschersberg, M. gen Reterberg Timest, V. Hoforg, gent V. Us. 122  Vestory, Auschersberg, M. gen Reterberg Timest, V. Hoforg, gent V. Us. 122  Vestory, Auschersberg, M. gen Reterberg Timest, V. Hoforg, gent V. Us. 122  Vestory, Auschersberg, M. gen Reterberg Timest, V. Hoforg, gent V. Us. 122  Vestory, Auschersberg, M. gen Reterberg Timest, V. Hoforg, gent V. Us. 122  Vestory, Auschersberg, M. gen Reterberg Timest, V. Hoforg, gent V. Us. 122  Vestory, Auschersberg, M. gen Reterberg, Cort. Uge  Vestory, Auschersberg, M. gen Reterberg, 1982. 15  Vestory, Auschersberg, M.	VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86.1999969
Vestings	VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	166
VenDry Auschants (M. M. STITTMENT MENT (M. M. ST. MENT)	VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.4000001
VenDry Auschants (M. M. STITTMENT MENT (M. M. ST. MENT)	VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	41
Verbigs_Assiciations   M. Frieder   M. State   Verbigs_Assiciations   M. Frieder   M. Verbigs_Assiciations   M. Verbigs_Assi	VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
Verbigs_Assiciations   M. Frieder   M. State   Verbigs_Assiciations   M. Frieder   M. Verbigs_Assiciations   M. Verbigs_Assi	VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	36416
Velotyph_AssCorniesSpd_M_st fiels-NewFatSy_Hebog_st SV_Ue_S2   Velotyph_AssCorniesSpd_M_st		2760420809
Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V. Indices, as SV, Us. 102 Verboyn, Autochartiscy I.M. see Reins-Parellis V		54822322
VenDyn Ausconfessor   M. prehishroper   M. pre	, - ,	
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Verbilling AutoControlling M. Mr. Effect Strate Coult 190  Verbilling AutoControlling M. Mr. Effect Strate Mr. 190  Verbilling AutoControlling M. Mr. Effect Mr. 190  Verbilling AutoControlling Mr. 190  Verbilling Mr. 190  Verbilling AutoC		
Velicips   AutoContribution   M. of Pitter International Control to   Velicips   AutoContribution   M. of Pitter International Control to   Velicips   AutoContribution   M. of Pitter International Control to   Velicips   AutoContribution   M. of Velicips   M. of M. of Vel		
VerDip, AutoContrologi, M. ast Piller Intellased, CH, Up.  VerDip, AutoContrologi, M. ast Piller Intellased, CH, Up.  VerDip, AutoContrologi, M. ast Anniver Mireage, S. S.  VerDip, AutoContrologi, M. ast Piller Intellased, CH, Up.  VerDip, AutoContrologi, M. ast Piller Intellased, M. ast VerBip, AutoContrologi, M. ast Piller Intellased, M. ast Contrologi, M. ast Piller Intellased, M. ast Contrologi, M. ast Contrologi, M. ast Piller Intellased, M. ast Temper Intellased, M. ast		
VinDitum, Justiconia (Sept. M. et al Princip Millerales), EU         1 14 699997           VinDitum, Justiconia (Sept. M. et Al Princip Millerales), EU         1 24 699997           VinDitum, Justiconia (Sept. M. et Al Vindison), Labora, 1922         1 24 699995           VinDitum, Justiconia (Sept. M. et Al Vindison), Hollows, EU         8 5599995           VinDitum, Justiconia (Sept. M. et Al Territoria), Institution, 1921         3 5970           VinDitum, Justiconia (Sept. M. et Al Territoria), Institution, 1921         5 2282           VinDitum, Justiconia (Sept. M. et Al Territoria), Institution, 1921         5 2282           VinDitum, Justiconia (Sept. M. et Ritoria), Institution, 1921         5 2282           VinDitum, Justiconia (Sept. M. et Ritoria), Institution, 1921         5 2282           VinDitum, Justiconia (Sept. M. et Ritoria), Institution, 1921         5 2232           VinDitum, Justiconia (Sept. M. et Ritoria), Institution, 1921         7 3 3 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4		
Verbirp, Auscortic Sept. M. set Westlog behan 122 Verbirp, Auscortic Sept. M. set Westlog behan 122 Verbirp, Auscortic Sept. M. set Filter Tru, Hawhn, 122 Verbirp, Auscortic Sept. M. set Filter Tru, Hawhn, 122 Verbirp, Auscortic Sept. M. set Trumer Tresch, ms., u16 Signor Verbirp, Auscortic Sept. M. set Trumer Tresch, ms., u16 Signor Verbirp, Auscortic Sept. M. set Trumer Tresch, ms., u16 Signor Verbirp, Auscortic Sept. M. set Trumer Tresch, ms., u16 Verbirp, Auscortic Sept. M. set Trumer Tresch, ms. u16 Verbirp, Auscortic Sept. M. set Trumer Tresch, ms. u16 Verbirp, Auscortic Sept. M. set Trumer Tresch, ms. u16 Verbirp, Auscortic Sept. M. set Rehebroaftilist Sy Hober, at St. Us., 122 Verbirp, Auscortic Sept. M. set Rehebroaftilist Sy Hober, at St. Us., 122 Verbirp, Auscortic Sept. M. set Rehebroaftilist Sy Hober, at St. Us., 122 Verbirp, Auscortic Sept. M. set Rehebroaftilist Sy Hober, at St. Us., 122 Verbirp, Auscortic Sept. M. set Rehebroaftilist Sy Hober, at St. Us., 122 Verbirp, Auscortic Sept. M. set Filter Treathe Cert. Up: 0 Verbirp, Auscortic Sept. M. set Filter Treathe Cert. Up: 0 Verbirp, Auscortic Sept. M. set Filter Treathe Cert. Up: 0 Verbirp, Auscortic Sept. M. set Filter Treathe Cert. Up: 0 Verbirp, Auscortic Sept. M. set Filter Treathe Cert. Up: 0 Verbirp, Auscortic Sept. M. set Filter Treathe Cert. Up: 0 Verbirp, Auscortic Sept. M. set Filter Treathe Cert. Up: 0 Verbirp, Auscortic Sept. M. set Filter Treathe Cert. Up: 0 Verbirp, Auscortic Sept. M. set Filter Treathe Cert. Up: 0 Verbirp, Auscortic Sept. M. set Filter Treathe Cert. Up: 0 Verbirp, Auscortic Sept. M. set Filter Treathe Cert. Up: 0 Verbirp, Auscortic Sept. M. set Filter Treathe Cert. Up: 0 Verbirp, Medical Cert. M. Up		
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VelDyn AusChritic Sept M, set Filler Tit, Hwhm 12 VelDyn AusChritic Sept M, set Timer't Thresh, ms, u16 VelDyn AusChritic Sept M, set Timer't Thresh, ms, u16 VelDyn AusChritic Sept M, set Timer't Thresh, ms, u16 VelDyn AusChritic Sept M, set Timer's M, u12 VelDyn M,		
VeiDing   AutoCritic Sign   M. strill merit Timesh   m. Sui 16   53970     VeiDing   AutoCritic Sign   M. strill merit Timesh   m. Sui 16   52972     VeiDing   AutoCritic Sign   M. strill merit   m. Sui 16   52972     VeiDing   AutoCritic Sign   M. strill merit   m. Sui 12   54822322     VeiDing   AutoCritic Sign   M. strill merit   m. Sui 12   54822322     VeiDing   AutoCritic Sign   M. strill merit   m. Sui 12   54822322     VeiDing   AutoCritic Sign   M. strill merit   m. Sui 12   54822322     VeiDing   AutoCritic Sign   M. strill merit   m. Sui 12   54822322     VeiDing   AutoCritic Sign   M. strill merit   m. Sui 12   5492232   549888     VeiDing   AutoCritic Sign   M. strill merit   m. Sui 12   549223   54988     VeiDing   AutoCritic Sign   M. strill merit   m. Sui 12   549223   54988     VeiDing   AutoCritic Sign   M. strill merit   m. Sui 12   549223   54988     VeiDing   AutoCritic Sign   M. strill merit   m. Sui 12   549223   54988     VeiDing   AutoCritic Sign   M. strill merit   m. Sui 12   549223   54988     VeiDing   AutoCritic Sign   M. strill merit   m. Sui 12   549223   54988   549223   54988   549223   54988   549223   54988   549223   54988   549823		
VehDyn AutoCentLoSpd M, stTmertThreat, ms, u16   S2970		
VehDyn, AusContrioSpd M, AltTimer, Imp. Q12         2780420099           VehDyn, AusContrioSpd M, Strimer, Imp. Q12         2780420099           VehDyn, AusContrioSpd M, Strimer, Imp. Q12         5482222           VehDyn, AusContrioSpd M, Strimer, Imp. Q12         230.04989           VehDyn, AusContrioSpd M, Strimer Pent Pent Pent Pent Pent Pent Pent Pent		
Verbityn AutoCnitcSgol M, stiff ned r, Ms 122 Verbityn AutoCnitcSgol M, stiff ned r, Ms 122 Verbityn AutoCnitcSgol M, stiff ReihwFosFittSV, HwDeg, stif SV, Uls, 132 Verbityn AutoCnitcSgol M, stiff ReihwFosFittSV, HwDeg, stif SV, Uls, 132 Verbityn AutoCnitcSgol M, stiff ReihwFosFittSV, HwDeg, stif SV, Uls, 132 Verbityn AutoCnitcSgol M, stiff ReihwFosFittSV, HwDeg, stiff SV, Uls, 132 Verbityn AutoCnitcSgol M, stiff ReihwFosFittSV, HwDeg, stiff, Uls, 132 Verbityn AutoCnitcSgol M, stiff ReihwFosFittSV, HwDeg, stiff, Uls, 132 Verbityn AutoCnitcSgol M, stiff ReihwFosFittSV, HwDeg, stiff, Uls, 132 Verbityn AutoCnitcSgol M, stiff ReihwFosFittSV, HwDeg, stiff, Uls, 132 Verbityn AutoCnitcSgol M, stiff ReihwFosFittSV, HwDeg, stiff, Uls, 132 Verbityn AutoCnitcSgol M, stiff ReihwFosFittSV, HwDeg, stiff, Uls, 132 Verbityn AutoCnitcSgol M, stiff ReihwFosFittSV, HwDeg, stiff, Uls, 132 Verbityn AutoCnitcSgol M, stiff ReihwFosFittSV, HwDeg, stiff, Uls, 132 Verbityn AutoCnitcSgol M, stiff ReihwFosFittSV, HwDeg, 132 Verbityn AutoCnitcSgol M, stiff ReihwFosFittStyl M, stiff ReihwFosFittStyl M, stiff ReihwFosFittStyl M, stiff ReihwFosFittStyl M, stiff ReihwFosFittS		
VehDyn, AutoCont.oSpd M, Str. Pehrey.ns (132)		
VerDyn_AusContruSspd_M_str_ReitHwPosifitSV_HwDeg_str_X_Ubs_fiz2 VerDyn_AusContruSspd_M_str_ReitHwPosifitSV_HwDeg_str_X_Ubs_fiz2 VerDyn_AusContruSspd_M_str_ReitHwPosifitSV_HwDeg_str_X_Ubs_fiz2 VerDyn_AusContruSspd_M_str_ReitHwPosifitSV_HwDeg_str_X_Ubs_fiz2 VerDyn_AusContruSspd_M_str_ReitHwPosifitSV_HwDeg_str_X_Ubs_fiz2 VerDyn_AusContruSspd_M_str_ReitHwPosifitSV_HwDeg_str_X_Ubs_fiz2 VerDyn_AusContruSspd_M_str_ReitHwPosifitSV_HwDeg_str_X_Ubs_fiz2 VerDyn_AusContruSspd_M_str_ReitHwDes_fitIndiated_Cnt_Upc 1 VerDyn_AusContruSspd_M_str_ReitHwDes_fitIndiated_Cnt_Upc 1 VerDyn_AusContruSspd_M_str_ReitHwDes_fitIndiated_Cnt_Upc 1 VerDyn_ForceConterforBebed_Cnt_M_upc VerDyn_Losted_earn_Cnt_M_upc 0 VerDyn_Losted_earn_Cnt_M_upc 0 VerDyn_Losted_earn_Cnt_M_upc 0 VerDyn_Losted_earn_Cnt_M_upc 0 VerDyn_Mositise_fitWobe_fit_M_str_SV_Ubs_fitIndiated_Cnt_Upc 0 VerDyn_Mositise_fit_Wobe_fit_M_str_SV_Ubs_fitIndiated_Cnt_Upc 0 VerDyn_Mositise_fit_Wobe_fit_M_str_SV_Ubs_fit_Mositise_fit_Mositise_fit_Mositise_fit_Mositise_fit_Mositise_fit_Mositise_fit_Mositise_fit_Mositise_fit_Mositise_fit_Mositise_fit_Mositise_fit_Mositise_fit_Mositise_fit_Mositise_fit_Mositise_fit_Mo		
VehDny, AusContricSgod, M. sir Relink-Posificiaty I, Hu0eg, str. K, Uis, Fiz         233,99993-005           VehDny, AusContricSgod, M. sir Relink-Posificiaty I, Hu0eg, str. K, Uis, Fiz         0,00085000011           VehDny, AusContricSgod, M. sir Relink-Posificiaty I, Hu0eg, str. K, Uis, Fiz         0,00085000011           VehDny, AusContricSgod, M. sir Filer Enable, Cnt. Ige         1           VehDny, AusContricSgod, M. sir Filer Enable, Cnt. Ige         1           VehDny, AusContricSgod, M. sir Filer Enable, Cnt. Ige         1           VehDny, ForeConterEnabled, Cnt. M, Ige         1           VehDny, ForeConterEnabled, Cnt. M, Ige         0           VehDny, HSpd. earth, Cnt. M, Ige         0           VehDny, HSpd. earth, Cnt. M, Ige         0           VehDny, Indialize, Cnt. M, Ige         0           VehDny, Mindrick, Hw0eg, M, Ist. C, Ille, Ist. Sign. M, Ist. K, Ille, Ist. Sign. M, Ist. Sign. Sign. M	VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn, AusCortinusSpd, M. sir ReliherDesillizSV. HwDeg, sir K. Uls. [32]         0.000550000011           VehDyn, AusCortinusSpd, M. sir Filler Enable, Cnrl. Ige         0           VehDyn, AustochtusSpd, M. sir Filler Enable, Cnrl. Ige         1           VehDyn, AustochtusSpd, M. sir Filler Enable, Cnrl. Ige         1           VehDyn, AustochtusSpd, M. sir Filler Enable, Cnrl. Ige         1           VehDyn, AustochtusSpd, M. sir Filler Enable, Cnrl. Ige         1           VehDyn, Fillor, Charlon Spd, M. sir Filler Enable, Cnrl. Ige         1           VehDyn, Fillor, Charlon Cort, M. Ige         0           VehDyn, Fillor, Charlon Cort, M. Ige         0           VehDyn, LoSde, Carm, Cort, M. Ige         0           VehDyn, LoSde, M. Siz, V. Ige, St. Veh, Veh, St. Veh, Veh, St. Veh, St. Veh, St. Veh, St. Veh, St. Veh, St. Veh, Veh, Veh, Veh, Veh, Veh, Veh, Veh,	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988
VerbOyn, AutoCnrticoSpd, M. str. Filter Tienable, Cnt. Igo         0           VerbOyn, AutoCnrticoSpd, M. str. Filter Tienable, Cnt. Igo         1           VerbOyn, AutoCnrticoSpd, M. str. Filter Tienable, Cnt. Igo         1           VerbOyn, AutoCnrticoSpd, M. str. Filter Tienable, Cnt. Igo         1           VerbOyn, AutoCnrticoSpd, M. str. Filter Tienable, Cnt. Igo         1           VerbOyn, ForceCenterEnabled, Cnt. Ig. Igo         1           VerbOyn, ForceCenterEnable, Cnt. Ig. Igo         0           VerbOyn, HSodLearn, Cnt, M. Igo         0           VerbOyn, LoSptLearn, Cnt, M. Igo         0           VerbOyn, MaxOffset, InvDeg, M. Igo         88.35871           VerbOyn, MaxOffset, InvDeg, M. Igo         3.20000005           VerbOyn, MaxOffset, InvDeg, M. Igo         3.20000005           VerbOyn, StPIWAuth, Uls, M. Igo         0.000000000           VerbOyn, StPIWAuth, Uls, M. Igo         0.00000000000000000000000000000000000	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.53999993e-005
VehDyn, AutoCnttc.0spd, M. str. Filter Elnable, Cnt Ligo 1 VehDyn, AutoCnttc.0spd, M. str. Filter Elnable, Cnt Ligo 1 VehDyn, AutoCnttc.0spd, M. str. Filter Elnable, Cnt Ligo 1 VehDyn, AutoCnttc.0spd, M. str. Filter Elnable, Cnt Ligo 1 VehDyn, ForesCenterEnabled, Cnt, M. Jug 1 VehDyn, ForesCenterEnabled, Cnt, M. Jug 1 VehDyn, ForesCenterEnabled, Cnt, M. Jug 0 VehDyn, Lingotte and, Cnt, M. Jug 0 VehDyn, Lingotte, HwDeg, M. Jug 2 VehDyn, Lingotte, HwDeg, M. Jug 2 VehDyn, Minoffsel, HwDeg, M. Jug 2 VehDyn, Pintrag W. M. str. St. Uis. 12 VehDyn, Minoffsel, HwDeg, M. Jug 2 VehDyn, Pintrag W. M. str. St. Uis. 13 VehDyn, Minoffsel, HwDeg, M. Jug 2 VehDyn, St. PHWouth, Lius, M. Jug 2 VehDyn, St. PHWouth, Jug 3 Ve	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988
VerbDyn, AutoCntLoSpd, M., str. Filter2Enable_Cnt. Igc         1           VerbDyn, AutoCntLoSpd, M., str. Filter Initialized_Cnt. Igc         1           VerbDyn, AutoCntLoSpd, M., str. Filter Initialized_Cnt. Igc         1           VerbDyn, ForceCenterEnabled_Cnt. M. Igc         1           VerbDyn, ForceCenterEnabled_Cnt. M. Igc         0           VerbDyn, LiSpdLearn(L. Ont. M. Igc         0           VerbDyn, LiSpdLearn(L. Ont. M. Igc         0           VerbDyn, LoSpdLearn(L. Ont. M. Igc         0           VerbDyn, MaxOffset HwDeg, M. Ig2         868.357971           VerbDyn, MixOffset HwDeg, M. Ig2         770.754028           VerbDyn, Stell HwAg, M. Ist. X. Uls. Ig2         0.000422000012           VerbDyn, Stell HwAg, M. Ist. X. Uls. Ig2         0.000422000012           VerbDyn, Stell HwAg, M. Ist. X. Uls. Ig2         0.000422000012           VerbDyn, Stell HwAg, M. Ist. X. Uls. Ig2         4294967295           VerbDyn, Stell HwAg, M. Ist. X. Uls. Ig2         4294967295           K. LiSpdVDAuthority, Uls. Ig. Ig2         1.5           K. LoSpdVDAuthority, Uls. Ig. Ig. Ig. Ig. Ig. Ig. Ig. Ig. Ig. Ig	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000850000011
VehDyn_AutoCnitLoSpid_M_str_FilterInialized_Cni_Ugc	VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VerDyn, AutoCirtLoSpd M, str. Filter/2nifialized_Cirt_Mgc	VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_ForceCenterCineLinkDeg_M_132         10000998           VehDyn_HSpdCernt_CntLM_lgc         0           VehDyn_LinkBize_Cnt_M_lgc         0           VehDyn_LinkBize_Cnt_M_lgc         0           VehDyn_LospClearn_Cnt_M_lgc         0           VehDyn_LospClearn_Cnt_M_lgc         868.357971           VehDyn_Mortifiee_HwDeg_M_132         868.357971           VehDyn_MincRise_HwDeg_M_152         320000005           VehDyn_PinTrqSV_M_str.KV_Ulls_132         320000005           VehDyn_PinTrqSV_M_str.KV_Ulls_132         0.00042200012           VehDyn_SLPHWath_Ulls_M_132         0.00042200012           VehDyn_SLPHWath_Ulls_M_132         4294967295           VehDyn_SLPHWath_Ulls_M_132         4563.150024           VehDyn_SLPHWath_Ulls_JS2         1           K_LoSpVDAuthority_Ulls_JS2         1           K_LoSpVDAuthority_Ulls_JS2         15           K_LoSpVDAuthority_Ulls_JS2         96.000031           K_TravetXCHwathority_Ulls_JS2         10.17899995           K_TravetXCHwathority_Ulls_JS2         10.17899995           K_TravetXCHwathority_Ulls_JS2         10.17899995           Large_Leg_Call_Ap_VehDyn_SystemTime_Comment_explace_Call_Ap_VehDyn_SystemTime_Comment_explace_Call_Ap_VehDyn_SystemTime_Comment_explace_Call_Ap_VehDyn_Nerpl_Morthory_Pert_CowEOT_HwDeg_JS2         14794UNITHORITY_Pert_C	VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn, ForceCenterOffset, HwDeg_M_f32         -1000.09998           VehDyn, HiSpdLeamt, Cnf, M_lgc         0           VehDyn, LoSpdLeamt, Cnf, M_lgc         0           VehDyn, LoSpdLeamt, Cnf, M_lgc         0           VehDyn, Mark Stet, HwDeg, M_f32         888.357971           VehDyn, MinOffset, HwDeg, M_f32         -770.754028           VehDyn, PinTrqSV, M, str K, Ulls, f32         3.20000005           VehDyn, PinTrqSV, M, str K, Ulls, f32         0.000422000012           VehDyn, SLPH-Walth, Ulls, M_f32         0.000422000012           VehDyn, SLPH-Walth, Ulls, M_f32         0.000422000012           VehDyn, SLPH-Walth, Ulls, M_f32         1.00042000012           VehDyn, SLPH-Walth, Ulls, M_f32         1.00042000012           VehDyn, SLPH-Walth, Ulls, M_f32         1.5           VehDyn, SLPH-Walth, M_f42         1.5           VehDyn, SLPH-Walth, M_f42         1.5           VehDyn, SLPH-Walth, M_f42         1.5	VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HISpdLeamL_Crt_M_lgc         0           VehDyn_LoSpdLeamL_Crt_M_lgc         0           VehDyn_LoSpd_LeamL_Crt_M_lgc         0           VehDyn_LoSpd_LeamL_Crt_M_lgc         0           VehDyn_MaxOffset_HwDeg_M_f32         886.357971           VehDyn_MinOffset_HwDeg_M_f32         3770.754028           VehDyn_PinTrqSV_M_strk_Uls_fi32         3.20000005           VehDyn_Strk_Wall_M_LS_M_g2         0.000422000012           VehDyn_SLPHwPos_HwDeg_M_f32         0.000422000012           VehDyn_SLPHwPos_HwDeg_M_f32         4294987295           VehDyn_StrhWallydinter_mS_M_u32         4294987295           K_HSpVDAuthority_Uls_f32         1           L_CospdVOAuthority_Uls_f32         1           L_CospdVOAuthority_Uls_f32         96.3000031           K_SyskinRatio_MitDegpHwDeg_f32         96.3000031           K_TraveIXCDeadand_Uls_f32         62.009991           K_TraveIXCDeadand_Uls_f32         62.009991           K_TraveIXCDeadand_Uls_f32         62.009991           Larget_Ric_Call_AD_vehDyn_SystemTime_GelsystemTime_ms_us_32_ElapsedTime_size_GetEystemTime_ms_us_32_CurrentTime_larget_Ric_Call_AD_vehDyn_SystemTime_GelsystemTime_ms_us_32_ElapsedTime_size_GetEystemTime_Ms_us_2CurrentTime_larget_Ric_larget_Ric_larget_AD_vehDyn_NehDyn_Perl_MolecyCirk_Mritags_f32         target_VehDyn_Perl_CowEOT_HwDeg_f32           target_Ric_larget_Ric_large	VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_Initialize_Crit_Migc         0           VehDyn_LoSpdLeamt_Crit_Migc         0           VehDyn_MontStel_HvDeg_M_132         888.357971           VehDyn_MinOffstel_HvDeg_M_132         .770.754028           VehDyn_PinTrqSV_M_str.K_Uis_132         3.20000005           VehDyn_SLPHwDs_M_str.K_Uis_132         0.0042200012           VehDyn_SLPHwDeg_M_132         0.0042200012           VehDyn_SLPHwDeg_M_132         0.006999993           VehDyn_SLPHwDeg_M_132         4294967295           VehDyn_SLPHwDeg_M_132         1           VehDyn_SLPHwDeg_M_1402         1	VehDyn_ForceCenterOffset_HwDeg_M_f32	-1000.09998
VehDyn_Initialize_Crt_M_Igc         0           VehDyn_LoSpdLeamC_ont_M_Igc         0           VehDyn_MorDise_IHwDeg_M_Ig2         868.357971           VehDyn_MorDise_IHwDeg_M_Ig2         777.754028           VehDyn_PhiTrgSV_M_str.SV_Us_Is_122         3.20000005           VehDyn_SIPHWDS_IMDEG_M_IS_122         0.00042200012           VehDyn_SIPHWDS_IMDEG_M_IS_2         0.60699993           VehDyn_SIPHWDS_IMDEG_M_IS_2         0.60699993           VehDyn_SIPHWDS_IMDEG_M_IS_2         4294967295           K_HISQAUDAuthority_UIs_IS_2         1           K_HISQAUDAuthority_UIs_IS_2         1           K_LOSpdVDAuthority_UIs_IS_2         1           K_LOSpdVDAuthority_UIs_IS_2         1           K_SHIHWAGVITITIO_MR_IS_2         4           K_SHIHWAGVITITIO_MR_IS_2         96.3000031           K_TraveIXCDeadband_UIs_IS_2         66.2099991           K_TraveIXCHWAUthority_UIs_IS_2         137899995           LargeL_TRE_Call_Ap_VehDyn_SystemTime_DimmcliapsedTime_mS_u32_CurrentTime         2942063300           LargeL_Rie_Call_Ap_VehDyn_SystemTime_CetSystemTime_mS_u32_CurrentTime         305394580           LargeL_Rie_Inst_Ap_VehDyn_VehDyn_PerI_CowEOT_HWDeg_IS_2         LargeL_VehDyn_PerI_CowEOT_HWDeg_IS_2           LargeL_Rie_Inst_Ap_VehDyn_VehDyn_PerI_SensoriessAuthority_UIs_IS_2         LargeL_VehDyn_		0
VehDyn_LoSpdLeartCnf_M_igc         0           VehDyn_MaxOffset_HwDeg_M_ig2         988.357971           VehDyn_PinTrqSV_M_str.SV_Uis_fg2         3.20000005           VehDyn_PinTrqSV_M_str.SV_Uis_fg2         0.000422000012           VehDyn_SIPTHWAUH_UIS_M_iff32         0.000422000012           VehDyn_SIPHWAUH_UIS_M_iff32         0.606999993           VehDyn_SIPHWAUH_UIS_M_iff32         458.150024           VehDyn_SIPHWAPOS_HWDeg_M_iff32         4294967295           VehDyn_SitHwAgyUdTimer_mS_M_uff32         1           VehDyn_SitHWAgyUdTimer_mS_M_uff32         15           K_HiSpdVDAuthority_UIS_fg2         1           K_IOSpdVDAuthority_UIS_fg2         0           K_LoSpdVDAuthority_UIS_fg2         66.2099991           K_IOSpdVDAuthority_UIS_fg2         66.2099991           K_TravelXCDeadband_UIS_fg2         66.2099991           K_TravelXCDeadband_UIS_fg2         66.2099991           K_TravelXCDeadband_UIS_fg2         67.2000000000000000000000000000000000000		0
VehDyn_MaxOffset_HwDeg_M_f32         770.754028           VehDyn_PinTrgSV_M_strSV_Uis_f32         3.20000005           VehDyn_PinTrgSV_M_strSV_Uis_f32         0.000422000012           VehDyn_SI-PHwAut_Uis_M_f32         0.60699993           VehDyn_SI-PHwDes_HwDeg_M_f32         -563.150024           VehDyn_SI-PHwAQVIdTimer_mS_M_u32         4294967295           K_HISpdVDAuthonity_Uis_f32         1.5           K_HORDING The HwNm_f32         1.5           K_LOSpdVDAuthonity_Uis_f32         9.6000031           K_SHHWAQVIdTITIM_mS_u32         744           K_SHWAQVIANDHOMEG_F32         96.3000031           K_TraevICN-Muthority_Uis_f32         96.20099991           K_TraevICN-Muthority_Uis_f32         96.20099991           K_TraevICN-Muthority_Uis_f32         96.20099991           K_TraevICN-Muthority_Uis_f32         96.20099991           k_TraevICN-Muthority_Uis_f32         96.20099991           target_DimmElapsedTime_mS_u32_ElapsedTime         3533260288           target_Re_lank_D_vehDyn_SystemTime_DetSystemTime_mS_u32_CurrentTime         1437401088           target_Re_lank_D_vehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         143740108           target_Re_lank_D_vehDyn_VehDyn_Per1_Mortor(CRF_MtrRadpS_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Re_lank_D_vehDyn_VehDyn_Per1_Mortor(C		0
VehDyn_MinOffset_HwDeg_M_[32]         -770.754028           VehDyn_PinTrgSV_M_str.SV_UIs_[32]         3.20000005           VehDyn_SLPHwAuth_UIs_M_[32]         0.00042200012           VehDyn_SLPHwAuth_UIs_M_[32]         0.606999993           VehDyn_SLPHwPos_HwDeg_M_[32]         4561.510024           VehDyn_SLPHwAuth_UIs_M_[32]         4294967295           K_HSpdVDAuthority_UIs_[32]         1           K_HSpdVDAuthority_UIS_[32]         1.5           K_LSpdVDAuthority_UIS_[32]         0           K_SyskinRatio_MtDegpHwDeg_[32]         44           K_SyskinRatio_MtDegpHwDeg_[32]         66.2099991           K_TravetXCHwAuthority_UIS_[32]         0.137899995           Larget_DimnellapsedTime_mS_u32_ElapsedTime         353320288           Larget_Rie_Call_Ap_VehDyn_SystemTime_DimnellapsedTime_mS_u32_ElapsedTime         353320288           Larget_Rie_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_ElapsedTime         3437401088           Larget_Rie_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_ElapsedTime         3437401088           Larget_Rie_Inst_Ap_VehDyn_Ner_Dyn_Per_I_CovEOT_HwDeg_[32]         Larget_VehDyn_Per_I_CovEOT_HwDeg_[32]           Larget_Rie_Inst_Ap_VehDyn_Ner_Dyn_Per_I_MoreQuE_HwMn_f32         Larget_VehDyn_Per_I_CovEOT_HwDeg_[32]           Larget_Rie_Inst_Ap_VehDyn_Ner_InstructyCovEOT_HwDeg_[32]         Larget_VehDyn_Per_I_Ner_Instrube_SHDG_[32]		868.357971
VehDyn_PinTrqSV_M str.SV_Uls_f32         3.20000005           VehDyn_SIPHWebuth_Uls_M f32         0.000422000012           VehDyn_SLPHwPos_HwDeg_M f32         -663.150024           VehDyn_SLPHwPos_HwDeg_M f32         -663.150024           VehDyn_SIH-WAQVIdTimer_mS_M_u32         4294967295           K_HSpdVDAuthority_Uls_f32         1           K_HTMQMgThd_HwNm_f32         1.5           K_LOSpdVDAuthority_Uls_f32         0           K_SiHWAQVIdTITIDd_mS_u32         744           K_SiHWAQVIdTITIDd_mS_u32         66.2099991           K_TraveIXCCHwAuthority_Uls_f32         66.2099991           K_TraveIXCHWAUthority_Uls_f32         0.137889995           K_Target_GEfSystemTime_mS_u32_CurrentTime         353326028           target_GEGSystemTime_mS_u32_CurrentTime         2942663360           target_RE_Call_AD_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_CurrentTime         303944380           target_RE_Inst_AD_VehDyn_VehDyn_Per1_CewEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_RE_Inst_AD_VehDyn_VehDyn_Per1_MotorQue_HwNm_f32         target_VehDyn_Per1_LWEOT_HwDeg_f32           target_RE_Inst_AD_VehDyn_VehDyn_Per1_MotorQue_HwNm_f32         target_VehDyn_Per1_Rell-Wros_HwDeg_f32           target_RE_Inst_AD_VehDyn_VehDyn_Per1_SensoriessHwPos_HwDeg_f32         target_VehDyn_Per1_Rell-Wros_HwDeg_f32           target_RE_Inst_		
VehDyn_PinTrqSV_M_sir.K_Uis_132         0.000422000012           VehDyn_SLPHwbuth_Uis_M_f32         0.606999983           VehDyn_SrirhwGVIdTimer_mS_M_u32         4294967295           k_HiSpdVDAuthority_Uis_f32         1           k_HeSpdVDAuthority_Uis_f32         1.5           k_LeSpdVDAuthority_Uis_f32         0           k_Srifi-MagVidTimd_mS_u32         744           k_SyskinRatio_MirDegpHwDeg_f32         96.300031           k_TravelXCDeadband_Uis_f32         66.2099991           k_TravelXCHwAuthority_Uis_f32         0.137899995           k_TravelXCHwAuthority_Uis_f32         93.300031           k_TravelXCHwAuthority_Uis_f32         66.2099991           target_DitmnElapsedTime_mS_u32_ElapsedTime         3533260288           target_Rie_Call_Ap_VehDyn_SystemTime_OttrystemTime_MS_u32_ElapsedTime         3347401088           target_Rie_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         3039943680           target_Rie_Inst_Ap_VehDyn_NehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rie_Inst_Ap_VehDyn_NehDyn_Per1_MirRadpS_f32         target_VehDyn_Per1_LwEOT_HwDeg_f32           target_Rie_Inst_Ap_VehDyn_NehDyn_Per1_MirRadpS_f32         target_VehDyn_Per1_ReiHwPos_HwDeg_f32           target_Rie_Inst_Ap_VehDyn_NehDyn_Per1_SensoriessHwDes_HwDeg_f32         target_VehDyn_Per1_ReiHwDeg_f32		
VehDyn_SLPHwAuth_Uis_M_f32         0.606999993           VehDyn_SLPHwPos_HwDeg_M_f32         -563.150024           VehDyn_SrHwAgyIdTimer_mS_M_u32         4249467295           k_HSpdVDAuthority_Uis_f32         1           k_HSpdVDAuthority_Uis_f32         1.5           k_LoSpdVDAuthority_Uis_f32         0           k_SriffwAgyIdTiThd_mS_u32         744           k_SriffwAgyIdTiThd_mS_u32         66.209991           k_TraveIXCDeadband_Uis_f32         66.209991           k_TraveIXCHwAuthority_Uis_f32         0.137899995           target_DtmmElapsedTime_mS_u32_ElapsedTime         3533260288           target_DtmmElapsedTime_mS_u32_CurrentTime         2942063360           target_Ric_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         3437401088           target_Rie_Inst_Ap_VehDyn_VehDyn_Perl_CowEOT_HwDeg_f32         target_Neb_Dyn_Perl_CowEOT_HwDeg_f32           target_Rie_Inst_Ap_VehDyn_VehDyn_Perl_Meg_f32         target_VehDyn_Perl_CwEOT_HwDeg_f32           target_Rie_Inst_Ap_VehDyn_VehDyn_Perl_MotorVeiCRF_MtrRadpS_f32         target_VehDyn_Perl_MotorVeiCRF_MtrRadpS_f32           target_Rie_Inst_Ap_VehDyn_VehDyn_Perl_SensoriessAtubroity_Uis_f32         target_VehDyn_Perl_SensoriessAtubroity_Uis_f32           target_Rie_Inst_Ap_VehDyn_VehDyn_Perl_SensoriessAtubroity_Uis_f32         target_VehDyn_Perl_SensoriessAtubroity_Uis_f32           target_Rie_Inst_Ap_VehD		
VehDyn_SHPWDeg_Mf32         -563.150024           VehDyn_SHHWAgVIdTimer_mS_M_u32         429467295           K_HSpdVDAuthority_UIs_f32         1.5           K_LOSpdVDAuthority_UIs_f32         0           K_SHIHWAgVIdTITMer_mS_u32         744           K_SYRKINRAID_MtDeg_HWDeg_f32         96.3000031           K_TravelXCDeadband_UIs_f32         66.2099991           K_TravelXCHwAuthority_UIs_f32         0.137889995           target_DtmmElapsedTime_mS_u32_ElapsedTime         2942063360           target_Rel_Call_Ap_VehDyn_SystemTime_mS_u32_ElapsedTime         2942063360           target_Rel_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_ElapsedTime         3039943680           target_Rel_Inst_Ap_VehDyn_VehDyn_Perl_CwEOT_HwDeg_f32         target_VehDyn_Perl_CwEOT_HwDeg_f32           target_Rel_Inst_Ap_VehDyn.VehDyn_Perl_CwEOT_HwDeg_f32         target_VehDyn_Perl_CwEOT_HwDeg_f32           target_Rel_Inst_Ap_VehDyn.VehDyn_Perl_MotorVeiCRF_MtrRadpS_f32         target_VehDyn_Perl_MotorVeiCRF_MtrRadpS_f32           target_Rel_Inst_Ap_VehDyn.VehDyn_Perl_SensoriessAuthority_UIs_f32         target_VehDyn_Perl_MotorVeiCRF_MtrRadpS_f32           target_Rel_Inst_Ap_VehDyn.VehDyn_Perl_SensoriessAuthority_UIs_f32         target_VehDyn_Perl_SensoriessAuthority_UIs_f32           target_Rel_Inst_Ap_VehDyn.VehDyn_Perl_SensoriessAuthority_UIs_f32         target_VehDyn_Perl_SensoriessAuthority_UIs_f32           target_Rel_Inst_Ap		
VehDyn_SrlHwAgVldTimer_mS_M_u32         4294967295           k_HiSpdVDAuthority_Uls_f32         1           k_HorgMgnThd_HwNm_f32         1.5           k_SchWAQVldTiThd_mS_u32         744           k_SysKinRatio_MtrDegrHwDeg_f32         96.3000031           k_TraveNZDedaband_Uls_f32         66.2099991           k_TraveNZCHwAuthority_Uls_f32         66.2099995           k_TraveNZCHwAuthority_Uls_f32         66.2099995           k_TaveLCHwAuthority_Uls_f32         5333260288           target_DtmmElapsedTime_mS_u32_ElapsedTime         2942063360           target_RE_Call_Ap_VehDyn_SystemTime_DtrmmElapsedTime_mS_u32_ElapsedTime         3437401088           target_RE_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         4747401088           target_RE_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         4747401088           target_RE_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         4747401088           target_RE_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwMm_f32         4747401088           target_RE_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwMm_f32         4747401088           target_RE_Inst_Ap_VehDyn_VehDyn_Per1_MotorvelCRF_MtrRadps_f32         4747401088           target_RE_Inst_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uls_f32         4747401088           target_RE_Inst_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uls_f32         474740000000000000000000000000000000		
K_HISpdVDAuthority_Uls_f32         1.5           K_LoSpdVDAuthority_Uls_f32         0           K_SfHWAgVIdTITId_mS_u32         744           K_SSPKINRatio_MtrDegpHwDeg_f32         96.3000031           K_TraveIXCDeadband_Uls_f32         66.2099991           K_TraveIXCHWAUthority_Uls_f32         0.137899995           target_DimnElapsedTime_mS_u32_ElapsedTime         3533260288           target_GetSystemTime_mS_u32_CurrentTime         2942063360           target_Re_Call_Ap_VehDyn_SystemTime_DimnElapsedTime_mS_u32_ElapsedTime_target_Re_Call_Ap_VehDyn_SystemTime_DimnElapsedTime_mS_u32_CurrentTime         3437401088           target_Re_Inst_Ap_VehDyn_VebDyn_Perl_cwEOT_HwDeg_f32         target_VebDyn_Perl_cwEOT_HwDeg_f32           target_Re_Inst_Ap_VehDyn_VebDyn_Perl_cwEOT_HwDeg_f32         target_VebDyn_Perl_cwEOT_HwDeg_f32           target_Re_Inst_Ap_VebDyn_VebDyn_Perl_HwTorque_HwMm_f32         target_VebDyn_Perl_HwTorque_HwMm_f32           target_Re_Inst_Ap_VebDyn_VebDyn_Perl_SensoriessAuthority_Uls_f32         target_VebDyn_Perl_RelHwPos_HwDeg_f32           target_Re_Inst_Ap_VebDyn_VebDyn_Perl_SensoriessAuthority_Uls_f32         target_VebDyn_Perl_SensoriessAuthority_Uls_f32           target_Re_Inst_Ap_VebDyn_VebDyn_Perl_SensoriessAuthority_Uls_f32         target_VebDyn_Perl_SensoriessAuthority_Uls_f32           target_Re_Inst_Ap_VebDyn_VebDyn_Perl_SensoriessAuthority_Uls_f32         target_VebDyn_Perl_SensoriessAuthority_Uls_f32           t		
k_HvTqMgnTnd_HvNm_f32         1.5           k_LoSpdVDAuthority_Uls_f32         0           k_SrlHwAgVIdTTnd_mS_u32         744           k_SysKinRatio_MtrDegpHvDeg_f32         96.3000031           k_TraveIXCDeadband_Uls_f32         66.2099991           k_TraveIXCHwAuthority_Uls_f32         0.137899995           k_TraveIXCHmyAuthority_Uls_f32         0.137899995           target_DtmnElapsedTime_mS_u32_CurrentTime         2942063360           target_Ret_Call_Ap_VehDyn_SystemTime_DtmnElapsedTime_mS_u32_ElapsedTim         437401088           target_Ret_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         3039943680           target_Ret_Inst_Ap_VehDyn_VehDyn_Perl_CcwEOT_HwDeg_f32         target_VehDyn_Perl_CcwEOT_HwDeg_f32           target_Ret_Inst_Ap_VehDyn.VehDyn_Perl_CwEOT_HwDeg_f32         target_VehDyn_Perl_DwEOT_HwDeg_f32           target_Ret_Inst_Ap_VehDyn.VehDyn_Perl_HwTorque_HwNm_f32         target_VehDyn_Perl_HwTorque_HwNm_f32           target_Ret_Inst_Ap_VehDyn.VehDyn_Perl_SensorlessAuthority_Uls_f32         target_VehDyn_Perl_Bell-WPos_HwDeg_f32           target_Ret_Inst_Ap_VehDyn.VehDyn_Perl_SensorlessAuthority_Uls_f32         target_VehDyn_Perl_SensorlessAuthority_Uls_f32           target_Ret_Inst_Ap_VehDyn.VehDyn_Perl_SensorlessAuthority_Uls_f32         target_VehDyn_Perl_SensorlessAuthority_Uls_f32           target_Ret_Inst_Ap_VehDyn.VehDyn_Perl_SensorlessAuthority_Uls_f32         target_VehDyn_Perl_Sensor		
k_OSpdVDAuthority_Uis_f32         0           k_SrikhwaQvIdTThd_mS_u32         744           k_SysKinRatio_MtrDegpHwDeg_f32         96.3000031           k_TravelXCDeadband_Uis_f32         66.2099991           k_TravelXCHwAuthority_Uis_f32         0.137899995           target_DtmnnElapsedTime_mS_u32_ElapsedTime         3533260288           target_Re_Call_Ap_VehDyn_SystemTime_DtmnnElapsedTime_mS_u32_ElapsedTime         2942063360           target_Rte_Call_Ap_VehDyn_SystemTime_DtmnnElapsedTime_mS_u32_CurrentTime         3039943680           target_Rte_lost_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32         target_VehDyn_Per1_CcwEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CcwEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVeiCRF_MtrRadpS_f32         target_VehDyn_Per1_MotorVeiCRF_MtrRadpS_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uis_f32         target_VehDyn_Per1_ReiHwPos_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uis_f32         target_VehDyn_Per1_SensoriessAuthority_Uis_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uis_f32         target_VehDyn_Per1_SensoriessAuthority_Uis_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uis_f32         target_VehDyn_Per1_SensoriessAuthority_Uis_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uis_f32         target_VehDyn_		
k_SrlHwAgVIdTIThd_mS_u32         744           k_SysKinRatio_MtrDegpHwDeg_f32         96.3000031           k_TraveIXCDeadband_Uls_f32         66.2099991           k_TraveIXCHwAuthority_Uls_f32         0.137899995           target_DtrmElapsedTime_mS_u32_ElapsedTime         3533260288           target_Re_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime         3437401088           target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime         3039943680           target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CowEOT_HwDeg_f32         target_VehDyn_Per1_CowEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32         target_VehDyn_Per1_CwEOT_HwDeg_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwMm_f32         target_VehDyn_Per1_HwTorque_HwNm_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32         target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32         target_VehDyn_Per1_SensorlessAuthority_Uls_f32           target_VehDyn_Per1_SensorlessAuthority_Uls_f32         target_VehDyn_Per1_SensorlessAuthority_Uls_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32         target_VehDyn_Per1_SensorlessAuthority_Uls_f32           target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32         target_VehDyn_Per1_SensorlessAuthority_Uls_f32           target_VehDyn_Per1_SensorlessAuthOrity_Uls_f32		
k_SysKinRatio_MtrDegDHwDeg_f32 96.3000031 k_TraveIXCDeadband_Uls_f32 66.2099991 k_TraveIXCHwAuthority_Uls_f32 0.137889995 target_DtrnmElapsedTime_mS_u32_ElapsedTime 3533260288 target_Cell_Ap_VehDyn_SystemTime_DtrnmElapsedTime_mS_u32_ElapsedTime 2942063360 target_Rte_Call_Ap_VehDyn_SystemTime_DtrnmElapsedTime_mS_u32_ElapsedTime 3437401088 target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 3437401088 target_Rte_Inst_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 3439943360 target_Rte_Inst_Ap_VehDyn_VehDyn_Perl_CwEOT_HwDeg_f32 target_VehDyn_Perl_CwEOT_HwDeg_f32 target_VehDyn_Perl_CwEOT_HwDeg_f32 target_VehDyn_Perl_CwEOT_HwDeg_f32 target_VehDyn_Perl_HwTorque_HwNm_f32 target_VehDyn_Perl_HwTorque_HwNm_f32 target_VehDyn_Perl_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Perl_RelHwPos_HwDeg_f32 target_VehDyn_Perl_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Perl_SensorlessAuthority_Uls_f32 target_VehDyn_Perl_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Perl_SensorlessAuthority_Uls_f32 target_VehDyn_Perl_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Perl_SenthwSpytd_Cnt_lgc target_VehDyn_Perl_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Perl_SirlHwAgVid_Cnt_lgc target_VehDyn_Perl_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Perl_SirlHwAgVid_Cnt_lgc target_VehDyn_Perl_SirlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Perl_SirlHwAg_HwDeg_f32 target_VehDyn_Perl_SirlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Perl_VehicleSpeed_Kph_f32 target_VehDyn_Perl_VehicleSpeed_Kph_f32 target_VehDyn_Perl_VehicleSpeed_Kph_f32 target_VehDyn_Perl_VehicleSpeed_Kph_f32 target_VehDyn_Perl_VehicleSpeed_Kph_f32 target_VehDyn_Perl_VehicleSpeed_Kph_f32 target_VehDyn_Perl_CowEOT_HwDeg_f32.value 41416.51196		
k_TravelXCDeadband_Uls_f32		
k_TravelXCHwAuthority_Uls_f32  target_DtrmnElapsedTime_mS_u32_ElapsedTime  starget_CetSystemTime_mS_u32_CurrentTime  target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime  target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_ElapsedTime  target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_ElapsedTime  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SriHwAgVId_Cnt_Igc  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SriHwAg_HwDeg_f32  target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SriHwAg_HwDeg_f32  target_VehDyn_Per1_SriHwAg_HwDeg_f32  target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32  target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc  target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc  target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc  target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc  target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc  target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc  target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc  target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc  target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc  target_VehDyn_Per1_Vehi		
target_DtrmnElapsedTime_mS_u32_ElapsedTime  target_GetSystemTime_mS_u32_CurrentTime  2942063360  3437401088  3039943680  target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SirlHwAgVId_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SirlHwAgVId_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SirlHwAgVId_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SirlHwAgVId_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SirlHwAgVId_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SirlHwAgVId_Cnt_lgc target_VehDyn_Per1_SirlHwAg_HwDeg_f32 target_VehDyn_Per1_SirlHwAg_HwDeg_f32 target_VehDyn_Per1_SirlHwAg_HwDeg_f32 target_VehDyn_Per1_SirlHwAg_HwDeg_f32 target_VehDyn_Per1_SirlHwAg_HwDeg_f32 target_VehDyn_Per1_SirlHwAg_HwDeg_f32 target_VehDyn_Per1_SirlHwAg_HwDeg_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value  481.150024 target_VehDyn_Per1_CwEOT_HwDeg_f32.value  4116.51196		
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target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVId_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 4812.150024 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1416.51196	target_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SriHwAgVId_Cnt_lgc target_VehDyn_Per1_SriHwAgVId_Cnt_lgc target_VehDyn_Per1_SriHwAgVId_Cnt_lgc target_VehDyn_Per1_SriHwAg_HwDeg_f32 target_VehDyn_Per1_SriHwAg_HwDeg_f32 target_VehDyn_Per1_SriHwAg_HwDeg_f32 target_VehDyn_Per1_SriHwAg_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 4812.150024 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1416.51196	$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_ElapseDTime\_mS\_u33\_ElapseD$	3437401088
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1416.51196	$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	3039943680
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value 1416.51196	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value 4812.150024 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1416.51196	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value 4812.150024 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1416.51196	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value 4812.150024 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1416.51196	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CewEOT_HwDeg_f32.value 4812.150024 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1416.51196		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 4812.150024		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CcwEOT_HwDeg_f32.value 1416.51196		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -812.150024 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1416.51196		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1416.51196		
talget_veribyit_reir_mwiolque_mwiiii_loz.value 0		
	target_veribyI1_Feri_Fiwirurque_Fiwiviii_132.value	U





Name	Input Value		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-897.599976		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-293.049988		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-563.150024		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	354.75		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322	54822322	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2942063360	2942063360	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322	54822322	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2942063360	2942063360	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322	54822322	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	•
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_MaxOffset_HwDeg_M_f32	1416.51196	1416.51196	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-812.150024	-812.150024	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.20116019	3.20116019 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	3039943680	3039943680	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	707.049988	707.049988 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 2.248 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	498.200012
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156.199997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	3.20000005
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.2000008
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	34188
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004656
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-627.179993

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000852000026
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-627.179993
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000852000026
	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	10
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	226.399994
VehDyn AutoCntrHiSpd M str.FiltPinTrq HwNm f32	8
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.1999969
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-627.179993
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000639999984
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-627.179993
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000272000005
	0
VehDyn_AutoCntrlliSpd_M_str.Filter1Enable_Cnt_lgc	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	98.8000031
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	88.3000031
VehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	10.8000002
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.2999992
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004656
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-627.179993
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.56000009e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-627.179993
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000852000026
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn ForceCenterOffset HwDeg M f32	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Igc	1
,	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	873.349976
VehDyn_MinOffset_HwDeg_M_f32	-764.070007
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.80000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00042299999
VehDyn SLPHwAuth Uls M f32	0.624000013
VehDyn SLPHwPos HwDeg M f32	-552.890015
VehDyn_SrlHwAgVldTimer_mS_M_u32	2554689
k_HiSpdVDAuthority_UIs_f32	1
k_HwTqMgnThd_HwNm_f32	9.19999981
k_LoSpdVDAuthority_Uls_f32	0
k_SrlHwAgVldTiThd_mS_u32	700
k_SysKinRatio_MtrDegpHwDeg_f32	32.5
k_TravelXCDeadband_Uls_f32	65.1800003
k TravelXCHwAuthority Uls f32	0.139125004
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3714197504
target_GetSystemTime_mS_u32_CurrentTime	2075080192
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
govo_mot_rk_vonDyn_vonDyn_i or i_vonioloopeedvalid_ont_igo	wigot sinb file or t_vorino opeca valid_ont_igo





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleS	Speed Kph f32	
target VehDyn Per1 CcwEOT HwDeg f32.value	-805.890015		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1410.94299		
target VehDyn Per1 HwTorque HwNm f32.value	6.19999981		
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	1009.29999		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-627.179993		
target VehDyn Per1 SrlHwAgVld Cnt Igc.value	1		
target VehDyn Per1 SrlHwAg HwDeg f32.value	-552.890015		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target VehDyn Per1 VehicleSpeed Kph f32.value	398.109985		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	274107514	274107514	<b>✓</b>
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	4004004656	4004004656	_
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-627.179993	-627.179993 ± 0.0009	<b>✓</b>
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-627.179993	-627.179993 ± 0.0009	-
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	0	0	<b>✓</b>
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2075080192	2075080192	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656	4004004656	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-627.179993	-627.179993 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-627.179993	-627.179993 ± 0.0009	<b>✓</b>
VehDyn AutoCntrHiSpd M str.Filter1Enable Cnt Igc	0	0	<b>✓</b>
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2075080192	2075080192	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004656	4004004656	<b>✓</b>
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-627.179993	-627.179993 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-627.179993	-627.179993 ± 0.0009	<b>✓</b>
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	•
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_MaxOffset_HwDeg_M_f32	873.349976	873.349976	~
VehDyn_MinOffset_HwDeg_M_f32	-178.710022	-178.710007	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.79938316	7.79938316 ± 0.000009	•
VehDyn_SrlHwAgVldTimer_mS_M_u32	2554689	2554689	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-627.179993	-627.179993 ± 0.1	<b>✓</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	-
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 CheckpointReached	1	_

Test Step 2.249 (Repeat Count = 1)	•
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	290.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.099998
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	54.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3277
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	383750110
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1341.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000982000027
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1341.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000982000027
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	34.4000015
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	96
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.6000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	78.8000031
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	20423
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31368
	383750110
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2760420809
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1341.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32	0.000782000017
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1341.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000555999984
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	34.5
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	136.5
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1.10000002
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32.5
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	26195
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22037
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	383750110
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1341.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.78000031e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1341.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000982000027
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	0
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
VehDyn ForceCenterEnabled Cnt M lqc	1
, = = = = = =	-201.399994
VehDyn_ForceCenterOffset_HwDeg_M_f32	
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1237.76599
VehDyn_MinOffset_HwDeg_M_f32	-450.390015
VehDyn_PinTrqSV_M_str.SV_Uls_f32	14
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000493999978
VehDyn_SLPHwAuth_Uls_M_f32	0.0289999992
VehDyn_SLPHwPos_HwDeg_M_f32	196.089996
VehDyn_SrlHwAgVldTimer_mS_M_u32	123
k_HiSpdVDAuthority_Uls_f32	0
k_HwTqMgnThd_HwNm_f32	0.00120000006
k_LoSpdVDAuthority_Uls_f32	1
k_SrlHwAgVldTiThd_mS_u32	90
k_SysKinRatio_MtrDegpHwDeg_f32	86.2099991
k_TravelXCDeadband_Uls_f32	18.5900002
k_TravelXCHwAuthority_Uls_f32	0.228550002
target DtrmnElapsedTime mS u32 ElapsedTime	0
target_GetSystemTime_mS_u32_CurrentTime	3304439296
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Call_Ap_vehDyn_SystemTime_GetSystemTime_ms_usz_CurrentTime target_Rte_Inst_Ap_vehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lg	C	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f3	32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mt	rNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_	Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_	f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-376.869995		
target VehDyn Per1 CwEOT HwDeg f32.value	1004.40601		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-2.53999996		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.299988		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1341.30005		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target VehDyn Per1 SrlHwAg HwDeg f32.value	411.549988		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001		
target VehDyn Per1 VehicleSpeedValid Cnt lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	99.9899979		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	383750110	383750110	_
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809	2760420809	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1341.30005	1341.30005 ± 0.009	•
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1341.30005	1341.30005 ± 0.009	
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1	1	•
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc	1	1	_
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	3304439296	3304439296	_
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	2760420809	2760420809	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1341.30005	1341.30005 ± 0.009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1341.30005	1341.30005 ± 0.009	~
VehDyn AutoCntrHiSpd M str.Filter1Enable Cnt Igc	0	0	•
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	1	1	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	3304439296	3304439296	_
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1341.30005	1341.30005 ± 0.009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1341.30005	1341.30005 ± 0.009	
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	0	0	•
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt lgc	0	0	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn HiSpdLearnt Cnt M Igc	1	1	•
VehDyn Initialize Cnt M Igc	1	1	
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_MaxOffset_HwDeg_M_f32	-336.894043	-336.894012	~
VehDyn MinOffset HwDeg M f32	-450.390015	-450.390015	•
VehDyn_PinTrqSV_M_str.SV_UIs_f32	13.9918575	13.9918575 ± 0.00009	_
VehDyn_SrlHwAgVldTimer_mS_M_u32	123	123	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	1542.70007	1542.69995 ± 0.1	·
5 _ , _ , _ , _ , _ , _ , _ , _ , _ , _			

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 CheckpointReached	1	_

T + 0+ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
Test Step 2.250 (Repeat Count = 1)		~
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
$Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32(ElapsedTime)$	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime	
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	604.700012	

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VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	116.699997 12.699998 85.699969
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	85.6999969
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	
	21364
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	22497
	2967684784
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1134.75
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000984000042
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1134.75
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000984000042
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0 1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	2.53999996
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	106.599998
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.65400004
VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	96.5999985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	7034
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	39056
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1134.75
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000783999974
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1134.75
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000560000015
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	2.5999999
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	146.600006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.5999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43190
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3186
VehDyn_AutoCntrl_oCod_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrl_oSpd_M_str.Timer2_mS_u32	2967684784 -1134.75
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.7999973e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1134.75
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000984000042
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	-101.489998
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1242.75806
VehDyn_MinOffset_HwDeg_M_f32	-457.109985
VehDyn_PinTrqSV_M_str.SV_UIs_f32	8.89999962
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000494999986
VehDyn_SLPHwAuth_Uls_M_f32	0.0099999978
VehDyn_SLPHwPos_HwDeg_M_f32	206.350006
VehDyn_SrlHwAgVldTimer_mS_M_u32	54689
k_HiSpdVDAuthority_UIs_f32	1
k_HwTqMgnThd_HwNm_f32	1.10000002
k_LoSpdVDAuthority_UIs_f32	0
k_SrlHwAgVIdTiThd_mS_u32	70
k_SysKinRatio_MtrDegpHwDeg_f32	56.2999992
k_TravelXCDeadband_Uls_f32	20.1599998
k_TravelXCHwAuthority_UIs_f32	0.229774997
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4294967295 2167769344
target_GetSystemTime_mS_u32_CurrentTime target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_M	MtrRadpS f32	
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos HwD		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAutho	<del></del>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPe		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target VehDyn Per1 SrlHwAgVld Cn		
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAg HwDeg f32	target VehDyn Per1 SrlHwAg HwDe		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF	<b>0</b> _	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedVa		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32		
target VehDyn Per1 CcwEOT HwDeg f32.value	-384.589996		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	998.836975		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-2.6500001		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.549988		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1134.75		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	421.809998		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target VehDyn Per1 VehicleSpeed Kph f32.value	87.7699966		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M lgc	1	1	result
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2967684784	2967684784	_
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784	2967684784	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1134.75	-1134.75 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1134.75	-1134.75 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	0	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2167769344	2167769344	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784	2967684784	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1134.75	-1134.75 ± 0.009	_
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1134.75	-1134.75 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784	2967684784	
VehDyn_AutoCntrLoSpd_M_str.Timer1_m3_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784	2967684784	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1134.75	-1134.75 ± 0.009	_
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1134.75	-1134.75 ± 0.009	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	
	0	0	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	· ·
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt_lgc	0	0	
	1	1	
VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	1	1	
VehDyn_Initialize_Cnt_Ivi_lgc  VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	
VehDyn MaxOffset HwDeg M f32	998.836975	998.836975	
		-384.589996	
VehDyn_MinOffset_HwDeg_M_f32	-384.589996 8.89435196		
VehDyn_PinTrqSV_M_str.SV_UIs_f32		8.89435196 ± 0.000009	
VehDyn_SrlHwAgVldTimer_mS_M_u32	54689	54689	
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	_

-1033.26001

-1033.26001 ± 0.1

Test Step 2.251 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn

target\_VehDyn\_Per1\_SensorlessHwPos\_HwDeg\_f32.value

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Name	Input Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	554.700012
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	126.699997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.6999998
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.6999969
VehDyn_AutoCotrDetSpd_M_str.Timer1Thresh_mS_u16	33198 27074
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1362.80005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000986000057
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1362.80005
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000986000057
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	120.599998
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	116
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.5
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.0999985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948758
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1362.80005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00078599999
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1362.80005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000563999987
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	120
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	13.6000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	10
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	30404
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	30349
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948758
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1362.80005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.81999988e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1362.80005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000986000057
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1.58000004
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-1247.75
VehDyn_MinOffset_HwDeg_M_f32	-463.829987
VehDyn_PinTrqSV_M_str.SV_UIs_f32 VehDyn_PinTrqSV_M_str.K_UIs_f32	13.8999996 0.000495999993
VehDyn SLPHwAuth Uls M f32	0.0189999994
VehDyn SLPHwPos HwDeg M f32	216.610001
VehDyn_SrlHwAgVldTimer_mS_M_u32	7858
k_HiSpdVDAuthority_Uls_f32	0
k_HwTqMgnThd_HwNm_f32	2.0999999
k_LoSpdVDAuthority_Uls_f32	1
k SrlHwAgVldTiThd mS u32	456
k_SysKinRatio_MtrDegpHwDeg_f32	54.3100014
k_TravelXCDeadband_Uls_f32	21.7299995
k_TravelXCHwAuthority_Uls_f32	0.231000006
target_DtrmnElapsedTime_mS_u32_ElapsedTime	255468
target_GetSystemTime_mS_u32_CurrentTime	3714197504
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime_	3494315776
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	7 6 3 6





Name	Input Value			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg	_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwN	m_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_M	trRadpS_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwD	eg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAutho	ority_Uls_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPo	os_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target VehDyn Per1 SrlHwAgVld Cnt	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedVa			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_K			
target VehDyn Per1 CcwEOT HwDeg f32.value	-392.309998			
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	993.268005			
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-2.75999999			
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.400024			
target VehDyn Per1 RelHwPos HwDeg f32.value	1362.80005			
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0			
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	432.070007			
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	-1.79999995			
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1			
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	127			
Name	Actual Value	Expected Value	Result	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	result	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758	3174948758	·	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758	3174948758		
VehDyn AutoCntrDetSpd_M_str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1362.80005	1362.80005 ± 0.009	~	
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1362.80005	1362.80005 ± 0.009		
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1302.80003	1302.80003 ± 0.009		
	0	0		
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0		
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	3714197504	3714197504	_	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948758			
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32		3174948758	_	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1362.80005	1362.80005 ± 0.009		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1362.80005	1362.80005 ± 0.009		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	-	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>~</b>	
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3714197504	3714197504	<b>~</b>	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758	3174948758	~	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1362.80005	1362.80005 ± 0.009	<b>~</b>	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1362.80005	1362.80005 ± 0.009	~	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>Y</b>	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~	
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~	
VehDyn_Initialize_Cnt_M_lgc	1	1	~	
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~	
VehDyn_MaxOffset_HwDeg_M_f32	993.268005	993.268005	~	
VehDyn_MinOffset_HwDeg_M_f32	-392.309998	-392.309998	~	
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.8917198	13.8917198 ± 0.00009	~	
VehDyn_SrlHwAgVldTimer_mS_M_u32	7858	7858	~	
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	<b>~</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	<b>~</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	-

1364.38

1364.38 ± 0.1

Test Step 2.252 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime

target\_VehDyn\_Per1\_SensorlessHwPos\_HwDeg\_f32.value

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Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	290.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.099998
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	54.0999985
VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	13352
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3277
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	383750110
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.69995
VehDyn_AutoChtrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000987999956
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.69995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000987999956
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	34.099985
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96.0999985
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.6000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	78
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20423
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31368
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	383750110
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	2760420809
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.69995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000788000005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.69995
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000568000018
	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	34.7000008
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	136.600006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32.7000008
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	26195
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22037
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	383750110
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.69995
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.84000003e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.69995
VehDyn AutoChtrLoSpd M str.ReiHwPosFilt2SV HwDeg str.K Uls f32	0.000987999956
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	98.3300018
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
/ehDyn_MaxOffset_HwDeg_M_f32	1252.74194
VehDyn_MinOffset_HwDeg_M_f32	-470.549988
VehDyn_PinTrqSV_M_str.SV_UIs_f32	14
/ehDyn_PinTrqSV_M_str.K_UIs_f32	0.000497000001
VehDyn SLPHwAuth Uls M f32	0.0280000009
VehDyn_SLPHwPos_HwDeg_M_f32	226.869995
VehDyn_SrlHwAgVldTimer_mS_M_u32	1363529728
k_HiSpdVDAuthority_Uls_f32	0
k_HwTqMgnThd_HwNm_f32	3.099999
k_LoSpdVDAuthority_Uls_f32	1
k_SrlHwAgVldTiThd_mS_u32	3229
k_SysKinRatio_MtrDegpHwDeg_f32	86.3099976
k_TravelXCDeadband_Uls_f32	23.2999992
k_TravelXCHwAuthority_Uls_f32	0.232225001
	2167769344





Name	Input Value		
target_GetSystemTime_mS_u32_CurrentTime	0		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_Elapsed	Ti 463842816		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTim	e 333		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3	32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRa	adpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_t	f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_	_Uls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_H	lwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	;	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mtr	rNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_0	Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_	f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-400.029999		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	987.698975		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-2.86999989		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1259.69995		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	442.329987		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	99.9869995		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	383750110	383750110	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.69995	1259.69995 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.69995	1259.69995 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420809	2760420809	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.69995	1259.69995 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.69995	1259.69995 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420809	2760420809	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1259.69995	1259.69995 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1259.69995	1259.69995 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_MaxOffset_HwDeg_M_f32	-272.000977	-272.001007	~
VehDyn_MinOffset_HwDeg_M_f32	-470.549988	-470.549988	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	13.9916439	13.9916439 ± 0.00009	<b>✓</b>
		13.9916439 ± 0.00009 1363529728	-
VehDyn_PinTrqSV_M_str.SV_UIs_f32	13.9916439		,

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~



Test Step 2.253 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime mS u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	604.200012
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	116.199997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.3000002
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	85.3000031
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21364
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	22497
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	2967684784
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1593.90002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000989999971
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1593.90002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000989999971
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	2.4000001
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	106.599998
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.0999999
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	7034
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	39056
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1593.90002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00079000002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1593.90002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00057199999
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	2.4000001
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	146.699997
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.6999981
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43190
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3186
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCotrl_oSpd_M_str.Timer2_mS_u32	2967684784 4503.00002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	-1593.90002 7.86000019e-005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1593.90002
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.00088999971
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Ehable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn ForceCenterOffset HwDeg M f32	198.240005
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1257.73401
VehDyn_MinOffset_HwDeg_M_f32	-477.269989
VehDyn_PinTrqSV_M_str.SV_Uls_f32	8.89999962
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000498000009
VehDyn_SLPHwAuth_Uls_M_f32	0.0370000005
VehDyn_SLPHwPos_HwDeg_M_f32	237.130005
VehDyn_SrlHwAgVldTimer_mS_M_u32	1243638656
k_HiSpdVDAuthority_Uls_f32	1
k_HwTqMgnThd_HwNm_f32	4.099999
k_LoSpdVDAuthority_Uls_f32	0
k_SrlHwAgVldTiThd_mS_u32	987
k_SysKinRatio_MtrDegpHwDeg_f32	56.2099991





Input Value		
24.8700008		
0.233449996		
3714197504		
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	24.870008  0.233449996  3714197504  4294967295  Ti 1759885568 e 12  target_VehDyn_Per1_CcwEOT_HwDeg_f32  target_VehDyn_Per1_MotorVelCRF_MtrRad  target_VehDyn_Per1_RelHwPos_HwDeg_f32  target_VehDyn_Per1_RelHwPos_HwDeg_f32  target_VehDyn_Per1_SensorlessAuthority_L  target_VehDyn_Per1_SensorlessAuthority_L  target_VehDyn_Per1_SriHwAg_Vld_Cnt_lgc  target_VehDyn_Per1_SriHwAg_HwDeg_f32  target_VehDyn_Per1_TorqueCmdCRF_MtrN  target_VehDyn_Per1_TorqueCmdCRF_MtrN  target_VehDyn_Per1_VehicleSpeedValid_Ci	24.8700008 0.233449996 3714197504 4294967295 TI 759885568 e 12 target_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_Mtorque_HwNm_f32 target_VehDyn_Per1_MtorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SrIHwAgVId_Cnt_lgc target_VehDyn_Per1_SrIHwAgVId_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -407.75 982.130005 -2.98000002 1009.29999 -1593.900001 0

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~



Test Step 2.254 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime mS u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime mS u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target Rte Inst Ap VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	554.200012
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	126.199997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.1999998
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.1999969
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	33198
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27074
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000991999987
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000991999987
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	120.599998
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	116.099998
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.4000015
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	25532
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27401
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948758
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791999977
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00057600002
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	120.699997
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	13.6999998
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	10.6999998
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	30404
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	30349
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948758
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.88000034e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000991999987
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_ForceCenterEnabled_Cnt_M_lgc	1
/ehDyn_ForceCenterOffset_HwDeg_M_f32	298.149994
/ehDyn_HiSpdLearnt_Cnt_M_lgc	0
/ehDyn_Initialize_Cnt_M_lgc	0
/ehDyn_LoSpdLearnt_Cnt_M_lgc	0
/ehDyn_MaxOffset_HwDeg_M_f32	1262.72595
/ehDyn_MinOffset_HwDeg_M_f32	-483.98999
/ehDyn_PinTrqSV_M_str.SV_Uls_f32	13.8999996
/ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000499000016
/ehDyn_SLPHwAuth_Uls_M_f32	0.0460000001
VehDyn_SLPHwPos_HwDeg_M_f32	247.389999
VehDyn_SrlHwAgVldTimer_mS_M_u32	89763
k_HiSpdVDAuthority_Uls_f32	0
	1
k_HwTqMgnThd_HwNm_f32	
k_HwTqMgnThd_HwNm_f32 k_LoSpdVDAuthority_Uls_f32	1





Name	Input Value		
k_SysKinRatio_MtrDegpHwDeg_f32	54.2099991		
k_TravelXCDeadband_Uls_f32	26.4400005		
k_TravelXCHwAuthority_Uls_f32	0.234675005		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3323480832		
target_GetSystemTime_mS_u32_CurrentTime	555468		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_L		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	vDeg_t32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Ci		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-415.470001 076.560074		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	976.560974		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-3.08999991 -835		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value			
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1600 0		
target_VehDyn_Per1_SrlHwAg_HwDg_f32_value	339.730011		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.79999995		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	127		
	Actual Value	Funcated Value	Danulé
Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	Expected Value	Result
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	3174948758	3174948758	
VehDyn_AutoCntrDetSpd_M_str.Timer1_m3_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174940738	3174948758	
venbyn_Autochtibetopu_ivi_str.Timetz_mo_usz	3174340730	3174940730	
VehDvn AutoCntrDetSnd M str RelHwPosFilt1SV HwDeg str SV I lls f32	-1600	-1600 ± 0.000	<b>■</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600 -1600	-1600 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	-1600 1	-1600 ± 0.009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	-1600 1 0	-1600 ± 0.009 1	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	-1600 1	-1600 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	-1600 1 0 1	-1600 ± 0.009 1 0	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	-1600 1 0 1 0 555468	-1600 ± 0.009 1 0 1 0 555468	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	-1600 1 0 1 0 555468 3174948758	-1600 ± 0.009 1 0 1 0 555468 3174948758	0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600 1 0 1 0 555468 3174948758 -1600	-1600 ± 0.009 1 0 1 0 555468	0
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VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Bn_s_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	-1600 1 0 1 0 1 0 555468 3174948758 -1600 -1600 0 1 1 555468 3174948758 -1600 -1600 0 1 1 1 1 1 1	-1600 ± 0.009 1 0 1 0 555468 3174948758 -1600 ± 0.009 -1600 ± 0.009 0 1 1 555468 3174948758 -1600 ± 0.009 -1600 ± 0.009 -1600 ± 0.009 -1600 ± 0.009 -1600 ± 0.009 -1600 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	-1600 1 0 1 0 1 0 555468 3174948758 -1600 -1600 0 1 555468 3174948758 -1600 -1600 -1600 -1600 -1600 -1600 -1600 -1600 -1600	-1600 ± 0.009 1 0 1 0 555468 3174948758 -1600 ± 0.009 -1600 ± 0.009 0 1 1 555468 3174948758 -1600 ± 0.009 -1600 ± 0.009 -1600 ± 0.009 -1600 ± 0.009 -1600 ± 0.009 -1600 ± 0.009 -1600 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	-1600 1 0 1 0 1 0 555468 3174948758 -1600 -1600 0 1 1 555468 3174948758 -1600 -1600 0 1 1 1 1 1 1 1	-1600 ± 0.009 1 0 1 0 555468 3174948758 -1600 ± 0.009 -1600 ± 0.009 0 1 1 555468 3174948758 -1600 ± 0.009 -1600 ± 0.009 -1600 ± 0.009 -1600 ± 0.009 -1600 ± 0.009 -1600 ± 0.009 -1600 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	-1600 1 0 1 0 1 0 555468 3174948758 -1600 -1600 0 1 0 1 1 0 1 1 1 1 1 1 1 1 0 976.560974	-1600 ± 0.009 1 0 1 0 1 0 555468 3174948758 -1600 ± 0.009 -1600 ± 0.009 0 1 1 0 1 1 555468 3174948758 -1600 ± 0.009 0 1 1 1 1 1 1 1 1 1 1 1 0 976.560974	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	-1600 1 0 1 0 1 0 555468 3174948758 -1600 -1600 0 1 555468 3174948758 -1600 -1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-1600 ± 0.009 1 0 1 0 1 0 555468 3174948758 -1600 ± 0.009 -1600 ± 0.009 0 1 1 0 1 1 555468 3174948758 -1600 ± 0.009 0 1 1 1 1 1 1 1 1 1 1 0 976.560974 -415.470001	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter3Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter3Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter3Initialized_Cnt_lgc	-1600 1 0 1 0 1 0 555468 3174948758 -1600 -1600 0 1 0 1 1 0 1 1 1 1 1 1 1 1 0 976.560974 -415.470001 13.8915052	-1600 ± 0.009 1 0 1 0 1 0 555468 3174948758 -1600 ± 0.009 -1600 ± 0.009 0 1 0 1 1 555468 3174948758 -1600 ± 0.009 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	



Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

ame	Innut Value
	Input Value
rmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
etSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
e_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
e_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
e_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
hDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
hDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.399994
hDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.399994
hDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.3999962
hDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	41.4000015
hDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25496
hDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0
hDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	109643620
hDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004656
hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002
hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000899999985
hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002
hDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000899999985
hDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
hDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
hDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
hDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
hDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	580.5
hDyn AutoCntrHiSpd M str.VehSpd kph f32	126
hDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.19999981
hDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96
hDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	37799
hDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	41632
hDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	109643620
hDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000699999975
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002
hDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000391999987
hDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
	1
hDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	
hDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
hDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
hDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	580.299988
hDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156.300003
hDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.29999995
hDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	42.2999992
hDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	16683
hDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22497
hDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	109643620
hDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004656
hDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002
hDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.95999988e-005
hDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002
nDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000899999985
hDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
hDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
hDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
hDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
hDyn_ForceCenterEnabled_Cnt_M_lgc	0
hDyn ForceCenterOffset HwDeg M f32	-1300.41003
hDyn_HiSpdLearnt_Cnt_M_lgc	1
hDyn Initialize Cnt M Igc	0

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Name	Input Value		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	-1023.10999		
VehDyn_MinOffset_HwDeg_M_f32	-563.549988		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	6.30000019		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000452999986		
VehDyn_SLPHwAuth_Uls_M_f32	0.846000016		
VehDyn_StPHwPos_HwDeg_M_f32	-245.089996		
VehDyn_SrlHwAgVIdTimer_mS_M_u32	2075080192		
k_HiSpdVDAuthority_Uls_f32 k_HwTqMgnThd_HwNm_f32	4.0999999		
k LoSpdVDAuthority Uls f32	1		
k SrlHwAgVldTiThd mS u32	1000		
k SysKinRatio MtrDegpHwDeg f32	32.2999992		
k TravelXCDeadband Uls f32	34.2799988		
k TravelXCHwAuthority Uls f32	0.175874993		
target DtrmnElapsedTime mS u32 ElapsedTime	4077829376		
target_GetSystemTime_mS_u32_CurrentTime	1050692864		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT	î O		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	2075080192		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRac	lpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_l	Jls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	vDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_C		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-618.090027		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1243.87305		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.400001		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.840027 1123.40002		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-245.089996		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.5		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	500.980011		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	, 135ul
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	1050692864	1050692864	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004656	4004004656	_
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1123.40002	1123.40002 ± 0.009	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	109643620	109643620	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004656	4004004656	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	109643620	109643620	<b>✓</b>
	103043020	1000-10020	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004656	4004004656	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	4004004656 1123.40002	4004004656 1123.40002 ± 0.009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	4004004656 1123.40002 1123.40002	4004004656 1123.40002 ± 0.009 1123.40002 ± 0.009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	4004004656 1123.40002 1123.40002 1	4004004656 1123.40002 ± 0.009 1123.40002 ± 0.009	, , , , , , , , , , , , , , , , , , ,
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	4004004656 1123.40002 1123.40002 1	4004004656 1123.40002 ± 0.009 1123.40002 ± 0.009 1	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	4004004656 1123.40002 1123.40002 1 0	4004004656 1123.40002 ± 0.009 1123.40002 ± 0.009 1 0	0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	4004004656 1123.40002 1123.40002 1 0 0	4004004656 1123.40002 ± 0.009 1123.40002 ± 0.009 1 0 0	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	4004004656 1123.40002 1123.40002 1 0 0	4004004656 1123.40002 ± 0.009 1123.40002 ± 0.009 1 0 0 1	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	4004004656 1123.40002 1123.40002 1 0 0 0	4004004656 1123.40002 ± 0.009 1123.40002 ± 0.009 1 0 0 1 1	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	4004004656 1123.40002 1123.40002 1 0 0 0 1	4004004656 1123.40002 ± 0.009 1123.40002 ± 0.009 1 0 0 1 1 1	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	4004004656 1123.40002 1123.40002 1 0 0 0	4004004656 1123.40002 ± 0.009 1123.40002 ± 0.009 1 0 0 1 1	





Name	Actual Value	Expected Value	Result
VehDyn_SrlHwAgVldTimer_mS_M_u32	2075080192	2075080192	<b>*</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.846000016	0.846000016 ± 0.004	~
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	878.310059	878.309998 ± 0.1	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	•
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	<b>~</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lame	Input Value
trmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
etSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
te_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
te_Call_Ap_VehDyn_SystemTime_Buttifficialpsed time_iniS_u32(CurrentTime)  te_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_Bttfffine_mS_u32_CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	700
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	255 20
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	100
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	60000
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	60000
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4294967295
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584786
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584786
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	700
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	255
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	20
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	100
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	60000
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	60000
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4294967295
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4294967295
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584786
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584786
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	700
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	255
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	20
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	100
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	60000
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	60000
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4294967295
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584786
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584786
ehDyn AutoCntrLoSpd M str.Filter1Enable Cnt lgc	1
ehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	1
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
ehDyn ForceCenterEnabled Cnt M Igc	1
ehDyn ForceCenterOffset HwDeq M f32	1600

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Name	Input Value		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	1440.10999		
VehDyn_MinOffset_HwDeg_M_f32	2840		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	18.7999992		
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.00125584786 1		
VehDyn_SLPHwAuth_UIs_M_f32 VehDyn_SLPHwPos_HwDeg_M_f32	1600		
VehDyn_SrlHwAgVldTimer_mS_M_u32	4294967295		
k_HiSpdVDAuthority_UIs_f32	1		
k HwTgMgnThd HwNm f32	10		
k_LoSpdVDAuthority_Uls_f32	1		
k_SrlHwAgVldTiThd_mS_u32	100000		
k_SysKinRatio_MtrDegpHwDeg_f32	100		
k_TravelXCDeadband_Uls_f32	100		
k_TravelXCHwAuthority_Uls_f32	1		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4294967295		
target_GetSystemTime_mS_u32_CurrentTime	4294967295		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_132 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target VehDyn Per1 RelHwPos HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	509_102	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	m f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cn		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-360		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1440.10999		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	10		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1118		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1600		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	1600		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value	8.80000019 1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	511		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	- Count
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	4294967295	4294967295	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295	4294967295	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	•
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4294967295	4294967295	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4294967295	4294967295	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0 1	1	Ž
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc		1	Ţ
VehDyn AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_igc  VehDyn AutoCntrLoSpd M str.Timer1 mS u32	∣1		~
	1 4294967295		<b>✓</b>
	1 4294967295 4294967295	4294967295	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295		\ \ \
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	4294967295 4294967295	4294967295 4294967295	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295 4294967295 1600	4294967295 4294967295 1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	4294967295 4294967295 1600 1600	4294967295 4294967295 1600 ± 0.009 1600 ± 0.009	\ \ \
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	4294967295 4294967295 1600 1600	4294967295 4294967295 1600 ± 0.009 1600 ± 0.009	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	4294967295 4294967295 1600 1600 1	4294967295 4294967295 1600 ± 0.009 1600 ± 0.009	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.ReilHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.ReilHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	4294967295 4294967295 1600 1600 1	4294967295 4294967295 1600 ± 0.009 1600 ± 0.009 1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc	4294967295 4294967295 1600 1600 1 1 1 1	4294967295 4294967295 1600 ± 0.009 1600 ± 0.009 1 1 1 1	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_HiSpdLearnt_Cnt_M_Igc	4294967295 4294967295 1600 1600 1 1 1	4294967295 4294967295 1600 ± 0.009 1600 ± 0.009 1 1 1	





Name	Actual Value	Expected Value	Result
VehDyn_MinOffset_HwDeg_M_f32	2840	2840	✓
VehDyn_PinTrqSV_M_str.SV_Uls_f32	18.7890587	18.7890587 ± 0.00009	✓
VehDyn_SrlHwAgVldTimer_mS_M_u32	4294967295	4294967295	✓
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	<b>✓</b>
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	0	0 ± 0.1	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	-

Fest Step 2.257 (Repeat Count = 1)	Innut Value
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	554.200012
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	84.1999969
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.19999981
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.2000008
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	2291
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	7778
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004656
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000931999995
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000931999995
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	456.600006
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	35.2999992
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.6000004
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	33198
/ehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	7778
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004656
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.Sv_Uis_i32	0.000731999986
· - · ·	1123.40002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0.000456000009
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	456.200012
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	86.300031
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.1999981
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27074
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004656
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.28000014e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000931999995
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1

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Name	Input Value		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1200.5		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	-1282.65002		
VehDyn_MinOffset_HwDeg_M_f32	-551.190002		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.4000001		
VehDyn_PinTrqSV_M_str.K_Uls_f32 VehDyn_SLPHwAuth_Uls_M_f32	0.000468999991		
VehDyn SLPHwPos HwDeg M f32	421.809998		
VehDyn_SrlHwAgVldTimer_mS_M_u32	2942063360		
k_HiSpdVDAuthority_Uls_f32	1		
k_HwTqMgnThd_HwNm_f32	1.10000002		
k_LoSpdVDAuthority_UIs_f32	0		
k SrlHwAgVldTiThd mS u32	70		
k_SysKinRatio_MtrDegpHwDeg_f32	54.7799988		
k_TravelXCDeadband_Uls_f32	45.9799995		
k_TravelXCHwAuthority_Uls_f32	0.255499989		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	954802432		
target_GetSystemTime_mS_u32_CurrentTime	71426560		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_Elapsed$	5477		
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u30\_CurrentTim$	2942063360		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	/Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3 -500.390015	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value	915.302002		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.96000004		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.099976		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1123.40002		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target VehDyn Per1 SrlHwAg HwDeg f32.value	421.809998		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.2999995		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	499.049988		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004656	4004004656	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631	4211268631	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002 ± 0.009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002		<b> </b>
		1123.40002 ± 0.009	_
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1123.40002 ± 0.009	-
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1 1 1	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1 1 0	1 1 1 0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1 1 0 71426560	1 1 1 0 71426560	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1 1 0 71426560 4211268631	1 1 1 0 71426560 4211268631	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 1 0 71426560 4211268631 1123.40002	1 1 1 0 71426560 4211268631 1123.40002 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1 1 0 71426560 4211268631 1123.40002	1 1 1 0 71426560 4211268631 1123.40002 ± 0.009 1123.40002 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1 1 0 71426560 4211268631 1123.40002 0	1 1 1 0 71426560 4211268631 1123.40002 ± 0.009 1123.40002 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1 1 0 71426560 4211268631 1123.40002 1123.40002 0	1 1 1 0 71426560 4211268631 1123.40002 ± 0.009 1123.40002 ± 0.009 0	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1 1 0 71426560 4211268631 1123.40002 1123.40002 0	1 1 0 71426560 4211268631 1123.40002 ± 0.009 1123.40002 ± 0.009 0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1 1 0 71426560 4211268631 1123.40002 0 0	1 1 0 71426560 4211268631 1123.40002 ± 0.009 1123.40002 ± 0.009 0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1 1 0 71426560 4211268631 1123.40002 10 0 0	1 1 1 0 71426560 4211268631 1123.40002 ± 0.009 1123.40002 ± 0.009 0 0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1 1 0 71426560 4211268631 1123.40002 0 0 0 1 71426560 4211268631	1 1 1 0 71426560 4211268631 1123.40002 ± 0.009 1123.40002 ± 0.009 0 0 1 1 71426560 4211268631	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 1 0 71426560 4211268631 1123.40002 0 0 0 1 71426560 4211268631 1123.40002	1 1 0 71426560 4211268631 1123.40002 ± 0.009 1123.40002 ± 0.009 0 0 1 71426560 4211268631 1123.40002 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	1 1 0 71426560 4211268631 1123.40002 10 0 0 1 71426560 4211268631 1123.40002 1123.40002	1 1 0 71426560 4211268631 1123.40002 ± 0.009 1123.40002 ± 0.009 0 0 1 71426560 4211268631 1123.40002 ± 0.009 1123.40002 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1 1 0 71426560 4211268631 1123.40002 0 0 1 1 71426560 4211268631 1123.40002 1123.40002 0 0 0 1 1 71426500 4211268631 1123.40002 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 0 71426560 4211268631 1123.40002 ± 0.009 1123.40002 ± 0.009 0 0 1 71426560 4211268631 1123.40002 ± 0.009 1123.40002 ± 0.009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1 1 0 71426560 4211268631 1123.40002 10 0 0 1 71426560 4211268631 1123.40002 1123.40002	1 1 0 71426560 4211268631 1123.40002 ± 0.009 1123.40002 ± 0.009 0 0 1 71426560 4211268631 1123.40002 ± 0.009 1123.40002 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1 1 0 71426560 4211268631 1123.40002 0 0 1 1 71426560 4211268631 1123.40002 1123.40002 0 1 1 171426500 1 1 123.40002 0 1	1 1 1 0 71426560 4211268631 1123.40002 ± 0.009 1123.40002 ± 0.009 0 0 1 71426560 4211268631 1123.40002 ± 0.009 1123.40002 ± 0.009 1123.40002 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1 1 0 71426560 4211268631 1123.40002 1123.40002 0 0 1 1 71426560 4211268631 1123.40002 1123.40002 0 1 1 1	1 1 1 0 71426560 4211268631 1123.40002 ± 0.009 1123.40002 ± 0.009 0 0 1 71426560 4211268631 1123.40002 ± 0.009 1123.40002 ± 0.009 1123.40002 ± 0.009	





Name	Actual Value	Expected Value	Result
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_MaxOffset_HwDeg_M_f32	-1282.65002	-1282.65002	~
VehDyn_MinOffset_HwDeg_M_f32	-551.190002	-551.190002	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.39978266	-5.39978266 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2942063360	2942063360	•
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	<b>~</b>
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600	1600 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>~</b>
Autocenter_f32	1	Autocenter_f32	1	<b>~</b>
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Name	Input Value
OtrmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	0
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	0
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	0
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow HwDeg f32	0
,	0
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	0
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600 2.54227400000
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	0
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	0
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	0
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	0
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	0
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	0
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	0
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	0
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	0
/ehDyn AutoCntrLoSpd M str.Timer1 mS u32	0
/ehDyn AutoCntrLoSpd M str.Timer2 mS u32	0
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1600
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006





Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0 -1600		
VehDyn_ForceCenterOffset_HwDeg_M_f32 VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	-2840		
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-18.7999992		
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51327106e-006		
VehDyn_SLPHwAuth_Uls_M_f32	0		
VehDyn_SLPHwPos_HwDeg_M_f32 VehDyn_SrlHwAgVldTimer_mS_M_u32	-1600 0		
k_HiSpdVDAuthority_Uls_f32	0		
k_HwTqMgnThd_HwNm_f32	0		
k_LoSpdVDAuthority_UIs_f32	0		
k_SrlHwAgVldTiThd_mS_u32	0		
k_SysKinRatio_MtrDegpHwDeg_f32	1		
k_TravelXCDeadband_Uls_f32	0		
k_TravelXCHwAuthority_Uls_f32	0		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	0		
target_GetSystemTime_mS_u32_CurrentTime	0		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target Rte Inst Ap VehDyn.VehDyn Per1 HwTorque HwNm f32	target VehDyn Per1 HwTorque HwNm f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_L	Jls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	/Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32	Im #22	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_TorqueCmdCRF_MtrN target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target VehDyn Per1 VehicleSpeed Kph f3		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1440.10999	-	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	360		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-10		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1118		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1600		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1600		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.80000019 0		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	0		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	- Court
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0	0	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0	0	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	-
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0	0	<b>V</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0	0	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDog_str.SV_Uls_f32	-1600	-1600 ± 0.009	<b>*</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	-1600 0	-1600 ± 0.009	-
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	,
· · · · · · · · · · · · · · · · · · ·	12	[1]	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	✓
VehDyn_Initialize_Cnt_M_lgc	1	1	✓
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	✓
VehDyn_MaxOffset_HwDeg_M_f32	360	360	~
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999	-1440.10999	✓
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-18.7999992	-18.7999992 ± 0.00009	✓
VehDyn_SrlHwAgVldTimer_mS_M_u32	0	0	✓
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0	0 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

lame	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTime
tte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc	700
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	255 20
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	100
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	60000
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	60000
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4294967295
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584786
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584786
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	700
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	255
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	20
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	100
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	60000
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	60000
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4294967295
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4294967295
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584786
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584786
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	1
ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	700
'ehDyn AutoCntrLoSpd M str.VehSpd kph f32	255
/ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	20
ehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	100
/ehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	60000
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	60000
/ehDyn_AutoCntrLoSpd_M_str.Timer2+mesn_ms_u+o	4294967295
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600
/ehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.Sv_0is_i32	0.00125584786

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Input Value

VehDyn\_Per1

Name



Name	iliput value		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584786		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1		
	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc			
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	1600		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	1		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	1440.10999		
VehDyn_MinOffset_HwDeg_M_f32	2840		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	18.7999992		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00125584786		
VehDyn SLPHwAuth Uls M f32	1		
VehDyn_SLPHwPos_HwDeg_M_f32	1600		
VehDyn_SrlHwAgVldTimer_mS_M_u32	4294967295		
k_HiSpdVDAuthority_Uls_f32	1		
k_HwTqMgnThd_HwNm_f32	10		
k_LoSpdVDAuthority_Uls_f32	1		
k_SrlHwAgVldTiThd_mS_u32	100000		
k_SysKinRatio_MtrDegpHwDeg_f32	100		
k_TravelXCDeadband_Uls_f32	100		
k_TravelXCHwAuthority_Uls_f32	1		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4294967295		
target_GetSystemTime_mS_u32_CurrentTime	4294967295		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	lls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw	Deg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	m f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target VehDyn Per1 VehicleSpeedValid Cr		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3.		
target VehDyn Per1 CcwEOT HwDeg f32.value	-360	<u>-</u>	
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target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1440.10999		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	10		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1118		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1600		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	1600		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	511		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M lgc	1	1	
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	4294967295	4294967295	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295	4294967295	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	<b>V</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600	1.1600 ± 0.000	_
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc		1600 ± 0.009	
	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	
	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1 1 1	1 1 1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1 1 1	1 1 1 1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1 1 1 1 4294967295	1 1 1 1 4294967295	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 1 1 1 4294967295 4294967295 1600	1 1 1 1 4294967295 4294967295 1600 ± 0.009	\rightarrow \frac{1}{2}
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1 1 1 1 4294967295 4294967295 1600	1 1 1 1 4294967295 4294967295 1600 ± 0.009 1600 ± 0.009	· · · · · · · · · · · · · · · · · · ·
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1 1 1 1 4294967295 4294967295 1600 1600	1 1 1 1 4294967295 4294967295 1600 ± 0.009 1600 ± 0.009	· · · · · · · · · · · · · · · · · · ·
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1 1 1 1 4294967295 4294967295 1600 1600 0	1 1 1 1 4294967295 4294967295 1600 ± 0.009 1600 ± 0.009	· · · · · · · · · · · · · · · · · · ·
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1 1 1 1 4294967295 4294967295 1600 1600 0	1 1 1 1 4294967295 4294967295 1600 ± 0.009 1600 ± 0.009 0	· · · · · · · · · · · · · · · · · · ·
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1 1 1 1 4294967295 4294967295 1600 1600 0	1 1 1 1 4294967295 4294967295 1600 ± 0.009 1600 ± 0.009 0 1	· · · · · · · · · · · · · · · · · · ·
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1 1 1 1 4294967295 4294967295 1600 1600 0 1 1 1 1	1 1 1 1 4294967295 4294967295 1600 ± 0.009 0 1 1 1 1 4294967295	· · · · · · · · · · · · · · · · · · ·
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1 1 1 1 4294967295 4294967295 1600 1600 0 1 1 1 1 4294967295 4294967295	1 1 1 1 4294967295 4294967295 1600 ± 0.009 0 1 1 1 1 4294967295 4294967295	· · · · · · · · · · · · · · · · · · ·
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1 1 1 1 4294967295 4294967295 1600 1600 0 1 1 1 1	1 1 1 1 4294967295 4294967295 1600 ± 0.009 0 1 1 1 1 4294967295	· · · · · · · · · · · · · · · · · · ·





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	-159.890015	-159.889999	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	2840	2840	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	18.7890587	18.7890587 ± 0.00009	<b>✓</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	4294967295	4294967295	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0	0 ± 0.1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	-

lame	Input Value
otrmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime mS u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_lnst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	604.700012
enDyn_AutoCntrDetSpd_w_str.MitVel_MitRadpS_ts2 /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	116.699997
, - , - , - , - , - , - , - , - , - , -	12.6999998
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	85.699969
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21364
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22497
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1134.75
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000984000042
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1134.75
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000984000042
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	2.53999996
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	106.599998
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.65400004
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.5999985
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	7034
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	39056
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1134.75
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000783999974
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1134.75
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000560000015
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	2.5999999
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	146.600006
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.5999985
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43190
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3186
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784
/ehDyn AutoCntrLoSpd M str.Timer2 mS u32	2967684784

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Name	Input Value		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1134.75		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.79999973e-005		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1134.75		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000984000042		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-101.489998		
VehDyn_HiSpdLearnt_Cnt_M_lgc	1		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	1		
VehDyn_MaxOffset_HwDeg_M_f32	1242.75806		
VehDyn_MinOffset_HwDeg_M_f32	-457.109985		
VehDyn_PinTrqSV_M_str.SV_Uls_f32	8.89999962		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000494999986		
VehDyn_SLPHwAuth_Uls_M_f32	0.0099999978		
VehDyn_SLPHwPos_HwDeg_M_f32	206.350006		
VehDyn_SrlHwAgVldTimer_mS_M_u32	54689		
k_HiSpdVDAuthority_Uls_f32	1		
k_HwTqMgnThd_HwNm_f32	1.10000002		
k_LoSpdVDAuthority_Uls_f32	0		
k_SrlHwAgVldTiThd_mS_u32	70		
k_SysKinRatio_MtrDegpHwDeg_f32	56.2999992		
k_TravelXCDeadband_Uls_f32	20.1599998		
k_TravelXCHwAuthority_Uls_f32	0.229774997		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4294967295		
target_GetSystemTime_mS_u32_CurrentTime	2167769344		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT	3437401088		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	54689		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3.	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_L	lls f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	0_	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target VehDyn Per1 SrlHwAg HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm f32	
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeedValid Cnt Igc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3.		
target VehDyn Per1 CcwEOT HwDeg f32.value	-384.589996		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	998.836975		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-2.6500001		
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	-759.549988		
target VehDyn Per1 RelHwPos HwDeg f32.value	-1134.75		
target VehDyn Per1 SrlHwAgVld Cnt lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	421.809998		
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	7.9000001		
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	87.7699966		
		Even acts of Value	Don "
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784	2967684784	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784	2967684784	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1134.75	-1134.75 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1134.75	-1134.75 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2167769344	2167769344	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784	2967684784	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1134.75	-1134.75 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1134.75	-1134.75 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>V</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784	2967684784	<b>V</b>
	2967684784	2967684784	-
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32			





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1134.75	-1134.75 ± 0.009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1134.75	-1134.75 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	•
VehDyn_MaxOffset_HwDeg_M_f32	998.836975	998.836975	~
VehDyn_MinOffset_HwDeg_M_f32	-384.589996	-384.589996	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	8.89435196	8.89435196 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	54689	54689	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1033.26001	-1033.26001 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

VehDyn\_Per1

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Test Case 3: Path Test

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VehDyn\_Per1



#### Specification

Performance Metrics: (With "None" Instrumentation and "WithPS" Environment)

CPU Cycles:
TS 3.1 1057.00 Cycles
TS 3.2 1056.00 Cycles
TS 3.3 1045.00 Cycles
TS 3.3 1045.00 Cycles
TS 3.4 1274.00 Cycles
TS 3.5 1284.00 Cycles
TS 3.6 1270.00 Cycles
TS 3.6 1270.00 Cycles
TS 3.8 1034.00 Cycles
TS 3.9 1050.00 Cycles
TS 3.11 1246.00 Cycles
TS 3.11 1246.00 Cycles
TS 3.12 1052.00 Cycles
TS 3.13 1266.00 Cycles



#### Description Vector Description:

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Vector Description:

Ts 3.1"(AbsHwTorque_HwNin_T_32 < k_HwToMgnThd_HwNin_f32)=

(ElapsedTime_m5_T_u32 × k_Sirl+wAgVdfTThd_m5_u32)=

(VenDyn_AllowHSpdAulotCnt_Cnt_M1_go = TRLE_FFALSE & (VenDyn_HiSpdLearnt_Cnt_M1_go = FALSE)=TRUE_&& (VenDyn_AllowHSpdAulotCnt_Cnt_M1_go = FALSE) & (Deadband_Uis_T_52 × L_TraveRXDeadband_Uis_T_52) | (Deadband_Uis_T_52 × DEADBAND_FRALSE & (VenDyn_AllowHSpdAulotCnt_Cnt_M1_go = FALSE) & (Deadband_Uis_T_52 × DEADBAND_FRALSE & (Sirl+WagVdfWfV_Cnt_T1_go = TRUE)=FALSE & (VenDyn_HiSpdLearnt_Cnt_M1_go = FALSE) & (Sirl+WagVdfWfV_Cnt_T1_go = TRUE)=FALSE & (VenDyn_HiSpdLearnt_Cnt_M1_go = TRUE)=FALSE & (VenDyn_LiSpdLearnt_Cnt_M1_go = TRUE)=FALSE & (VenDyn_LiSpdLearnt_Cnt_M1_go = TRUE)=FALSE & (VenDyn_AllowHSpdAulotCnt_Cnt_M1_go = TRUE)=FALSE & (VenDyn_HiSpdLearnt_Cnt_M1_go = TRUE)=FALSE & (VenDyn_AllowHSpdAulotCnt_Cnt_M1_go = TRUE)=FALSE & (VenDyn_AllowHSpdAulotCnt_Cnt_M1_go = TRUE)=FALSE & (VenDyn_HiSpdLearnt_Cnt_M1_go = TRUE)=FALSE & (VenDyn_AllowHSpdAulotCnt_Cnt_M1_go = TRUE)=FALSE & (VenDyn_AllowHSpdAulotCnt_Cnt_M1_go = TRUE)=FALSE & (VenDyn_HiSpdLearnt_Cnt_M1_go = TRUE)=FALSE & (VenDyn_AllowHSpdAulotCnt_Cnt_M1_go = TRUE)=FALSE & (VenDyn_AllowHSpdAulotCnt_Cnt_M1_go = TRUE)=FAL
                    TS 3.5"(AbsHwTorque_HwNm_T_f32 < k_HwTqMgnThd_HwNm_f32)=True && ( ElapsedTime_mS_T_u32 > k_SrlHwAgVldTiThd_mS_u32 )=True && ( VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc == TRUE )=TRUE && ( VehDyn_HiSpdLearnt_Cnt_M_lgc == FALSE ) && ( VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc == FALSE ) && ( VehDyn_LoSpdLearnt_Cnt_M_lgc == TRUE )=FALSE && ( VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc == TRUE )=FALSE && ( VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc == TRUE )=TRUE && ( VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc == TRUE )=TRUE && ( VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc == TRUE )=TRUE && ( VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc == TRUE )=TRUE && ( VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc == TRUE )=TRUE && ( VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc == TRUE )=TRUE && ( VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc == TRUE )=TRUE && ( VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc == TRUE )=TRUE && ( VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc == TRUE )=TRUE && ( VehDyn_AllowHiSpdAutoCntr_HiSpd_M_str.Filter2Enable_Cnt_lgc == TRUE )=TRUE && ( VehDyn_AllowHiSpd_M_str.Filter2Enable_Cnt_lgc == TRUE )=TRUE/FALSE && ( VehDyn_Intof1set_HwDeg_T_f32))=TRUE/FALSE && ( (CweDTPosition_HwDeg_T_f32)>=((CweDTPosition_HwDeg_T_f32)>=(VehDyn_MinOffset_HwDeg_M_f32+OffsetRelHwPos_HwDeg_T_f32))=TRUE/FALSE && ( (CweDTPosition_HwDeg_T_f32)=TALSE && ( VehDyn_MinOffset_HwDeg_M_f32+OffsetRelHwPos_HwDeg_T_f32)=TRUE/FALSE && ( VehDyn_MinOffset_HwDeg_T_f32)=TALSE && 
          D_NOAUTH_ULS_F32)=FALSE && (TravelXCHwAuth_Uls_T32 > D_NOAUTH_ULS_F32)=FALSE && (SnsrlessHwPos_HwDeg_T_f3)=1600)=TRUE/FALSE && (SnsrlessHwAuth_Uls_T_f32>=1)=TRUE/FALSE"
TS 3.6"(AbSHWTorque_HwNm_T_f32 < k_HwTqMgnThd_HwNm_f32)=False && (ElapsedTime_ms_T_u32 > k_SrlHwAgVIdTiThd_mS_u32)=False && (VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc == TRUE)=FALSE && (VehDyn_HiSpdLearnt_Cnt_M_lgc == TRUE)=FALSE && (VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc == TRUE)=FALSE && (VehDyn_LoSpdLearnt_Cnt_M_lgc == TRUE)=FALSE && (VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc == TRUE)=FALSE && (VehDyn_Initialize_Cnt_M_lgc == FALSE)=FALSE && (VehDyn_MinOffset_HwDeg_M_f32)=((CwEOTPosition_HwDeg_T_f32-OffsetRelHwPos_HwDeg_T_f32))=TRUE/FALSE && ((VehDyn_MinOffset_HwDeg_M_f32)=((CwEOTPosition_HwDeg_T_f32-)=FALSE)=FALSE && ((CwEOTPosition_HwDeg_T_f32))=TRUE/FALSE && ((CwEOTPosition_HwDeg_T_f32)=TRUE)=FALSE && ((CwEOTPosition_HwDeg_T_f32)=TRUE/FALSE && ((CwEOTPosition_HwDeg_T_f32)=TRUE/FALSE && ((CwEOTPosition_HwDeg_T_f32)=TRUE/FALSE && ((VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc == TRUE)=TRUE)=TRUE/FALSE && ((VehDyn_HiSpdLearnt_Cnt_M_lgc)=TRUE/FALSE && ((VehDyn_HiSpdLearnt_Cnt_M_lgc)=TRUE/FALSE && ((VehDyn
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==FALSE | Sef. | (YehDyn AllowHiSpdAutoCnit | Ont. M. | go == TRUE | =TRUE | Set | YehDyn | Institution | N. | go == TRUE | =TRUE | Set | YehDyn | Institution | N. | go == TRUE | =TRUE | Set | YehDyn | Institution | N. | go == TRUE | =TRUE | Set | YehDyn | MaxOffset | HwDeg | M. | 325=((CweCOTPosition | HwDeg | T. | 32 - OffsetRelHwPos | HwDeg | T. | 32) =TRUE | FALSE | Set | YehDyn | MinOffset | HwDeg | M. | 325=((CweCOTPosition | HwDeg | T. | 32 - OffsetRelHwPos | HwDeg | T. | 32) =TRUE | FALSE | Set | YehDyn | MinOffset | HwDeg | M. | 325=((CweCOTPosition | HwDeg | T. | 32 - OffsetRelHwPos | HwDeg | T. | 32) =TRUE | Set | Set | YehDyn | MinOffset | HwDeg | M. | 32 - OffsetRelHwPos | HwDeg | T. | 32 - No. | And | No. | N
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Test Step 3.1 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	0
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	0
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	0
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	0
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	0
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	0
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	0
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	0
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0

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Name	Input Value		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	0		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0		
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	0		
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	0		
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	0		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0		
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0		
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1600		
VehDyn_HiSpdLearnt_Cnt_M_lgc	0		
VehDyn_Initialize_Cnt_M_lgc	0		
VehDyn_LoSpdLearnt_Cnt_M_lgc	0		
VehDyn_MaxOffset_HwDeg_M_f32	-2840		
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999		
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-18.7999992 2.51327106e-006		
VehDyn_PinTrqSV_M_str.K_Uls_f32 VehDyn_SLPHwAuth_Uls_M_f32	0		
VehDyn_SLPHwPos_HwDeg_M_f32	-1600		
VehDyn_SrlHwAgVldTimer_mS_M_u32	1662097408		
k_HiSpdVDAuthority_Uls_f32	0		
k_HwTqMgnThd_HwNm_f32	5.25		
k_LoSpdVDAuthority_UIs_f32	0		
k_SrlHwAgVldTiThd_mS_u32	91986		
k SysKinRatio MtrDegpHwDeg f32	1		
k TravelXCDeadband Uls f32	0		
k TravelXCHwAuthority Uls f32	0		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	0		
target_GetSystemTime_mS_u32_CurrentTime	0		
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT	1736795392		
target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target VehDyn Per1 CwEOT HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_U	Jls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	lm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr	nt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	2	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1440.10999		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	360		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-10		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1118		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1600		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1353.17004		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.80000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	0		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0	0	~
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	0	0	<b>✓</b>





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0	0	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0	0	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	360	360	~
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999	-1440.10999	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-18.7999992	-18.7999992 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1662097408	1662097408	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0	0 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600	-1600 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTim
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	700
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	255
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	20
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	100
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	60000
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	60000
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4294967295
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584786
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584786
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	700
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	255
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	20
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	100
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	60000
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	60000

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Name  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Rimer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc  VehDyn_AutoCntrHoSpd_M_str.Hiter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.WtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPrinty_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Tnresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	Input Value 4294967295 4294967295 1600 0.00125584786 1600 0.00125584786 1 1 1 700
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	4294967295 1600 0.00125584786 1600 0.00125584786 1 1 1 700
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	1600 0.00125584786 1600 0.00125584786 1 1 1 1 700
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0.00125584786 1600 0.00125584786 1 1 1 1 700
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	1600 0.00125584786 1 1 1 1 700 255
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0.00125584786 1 1 1 1 1 700 255
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	1 1 1 1 700 255
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	1 1 1 700 255
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	1 1 700 255
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	1 700 255
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	700 255
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	255
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	20
	100
	60000
, =	60000
VehDyn_AutoCotrl_oSpd_M_str.Timer1_mS_u32	4294967295
VehDyn_AutoCotrl oSpd_M_str.Timer2_mS_u32	4294967295 1600
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584786
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1600
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV_HwDeg_str.K Uls f32	0.00125584786
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt. Igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1500.22998
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1440.10999
VehDyn_MinOffset_HwDeg_M_f32	2840
VehDyn_PinTrqSV_M_str.SV_Uls_f32	18.7999992
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00125584786
VehDyn_SLPHwAuth_Uls_M_f32	1
VehDyn_SLPHwPos_HwDeg_M_f32	1600
VehDyn_SrlHwAgVldTimer_mS_M_u32	4243378688
k_HiSpdVDAuthority_UIs_f32	1
k_HwTqMgnThd_HwNm_f32	1.10000002
k_LoSpdVDAuthority_Uls_f32	1
k_SrlHwAgVldTiThd_mS_u32	12 100
k_SysKinRatio_MtrDegpHwDeg_f32 k_TravelXCDeadband_Uls_f32	100
k_TraveIXCHwAuthority_Uls_f32	1
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4294967295
target_GetSystemTime_mS_u32_CurrentTime	4294967295
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-360
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1440.10999
target_VehDyn_Per1_HwTorque_HwNm_f32.value	10
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1118
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1600
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1342.91003
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019 1
target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value	511
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	
Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	Actual Value Expected Value Result





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4294967295	4294967295	✓
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295	4294967295	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	✓
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	✓
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	✓
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	✓
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4294967295	4294967295	✓
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4294967295	4294967295	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	✓
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	✓
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	✓
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4294967295	4294967295	✓
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295	4294967295	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1600	1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	✓
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	✓
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	✓
VehDyn_MaxOffset_HwDeg_M_f32	-159.890015	-159.889999	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	2840	2840	✓
VehDyn_PinTrqSV_M_str.SV_Uls_f32	18.7890587	18.7890587 ± 0.00009	<b>✓</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	4243378688	4243378688	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0	0 ± 0.1	<b>✓</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 3.3 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	44.7999992
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.800003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.80000019
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	12.8000002
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	5235
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-833.309998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000774000015
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-833.309998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000774000015
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	662.200012
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	106.199997
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.1000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.1999969

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Name Input V	alue
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 12258	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 36416	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2553156	835
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2967684	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -833.309	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.000561 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1600	999972
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.Sv_Ols_132	1000015
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 1	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1	
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0	
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 44.02000	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 166.1199	
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 4.019999	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 12.11999 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 5235	99
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 27074	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 2553156	835
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2967684	784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -833.309	998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 4.980000	009e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -833.309	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000774	1000015
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDvn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 0	
VehDyn_AutoCntrLoSpd_M_str.Filter1mittalized_Cnt_lgc	
VehDyn_ForceCenterEnabled_Cnt_M_lgc 1	
VehDyn_ForceCenterOffset_HwDeg_M_f32 -1400.31	995
VehDyn_HiSpdLearnt_Cnt_M_lgc 1	
VehDyn_Initialize_Cnt_M_lgc 1	
VehDyn_LoSpdLearnt_Cnt_M_lgc 1	
VehDyn_MaxOffset_HwDeg_M_f32 678.6619	
VehDyn_MinOffset_HwDeg_M_f32         -1024.74           VehDyn_PinTrqSV_M_str.SV_UIs_f32         15.19998	
VehDyn_PinTrqSV_M_str.K_Uls_f32	
VehDyn_SLPHwAuth_Uls_M_f32 0.057	1000017
VehDyn_SLPHwPos_HwDeg_M_f32 -953.030	029
VehDyn_SrlHwAgVldTimer_mS_M_u32 2127166	208
k_HiSpdVDAuthority_UIs_f32 0	
k_HwTqMgnThd_HwNm_f32 1.200000	
k_LoSpdVDAuthority_UIs_f32 0.870000	0005
k_SrlHwAgVIdTiThd_mS_u32 45	200
k_SysKinRatio_MtrDegpHwDeg_f32 32.29998 k_TravelXCDeadband_Uls_f32 90.52998	
k TravelXCHwAuthority Uls f32 0.091349	
target DtrmnElapsedTime mS u32 ElapsedTime 4077829	
target_GetSystemTime_mS_u32_CurrentTime 1117112	
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi 3494315	776
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime 2127166	208
	ehDyn_Per1_CcwEOT_HwDeg_f32
	ehDyn_Per1_CwEOT_HwDeg_f32
	ehDyn_Per1_HwTorque_HwNm_f32
	ehDyn_Per1_MotorVelCRF_MtrRadpS_f32 ehDyn Per1 RelHwPos HwDeg f32
	enDyn_Per1_ReinwPos_nwbeg_is2 ehDyn_Per1_SensorlessAuthority_Uls_f32
	ehDyn_Per1_SensorlessHwPos_HwDeg_f32
	ehDyn_Per1_SrlHwAgVld_Cnt_lgc
	ehDyn_Per1_SrlHwAg_HwDeg_f32
	ehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehicleSpeedValid_Cnt_lgc	
	ehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_Ve	ehDyn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -1050.03	ehDyn_Per1_VehicleSpeed_Kph_f32 003
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -1050.03 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1051.474	ehDyn_Per1_VehicleSpeed_Kph_f32 003
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -1050.03 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1051.474 target_VehDyn_Per1_HwTorque_HwNm_f32.value -8.06000	ehDyn_Per1_VehicleSpeed_Kph_f32 003 I 042
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -1050.03 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1051.474 target_VehDyn_Per1_HwTorque_HwNm_f32.value -8.06000 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 159.1000	ehDyn_Per1_VehicleSpeed_Kph_f32 003 I 042 006
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -1050.03 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1051.474 target_VehDyn_Per1_HwTorque_HwNm_f32.value -8.06000 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 159.1000	ehDyn_Per1_VehicleSpeed_Kph_f32 003 I 042 006
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -1050.03 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1051.474 target_VehDyn_Per1_HwTorque_HwNm_f32.value -8.06000 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 159.1000 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -833.309	ehDyn_Per1_VehicleSpeed_Kph_f32 003 I 042 006 998
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -1050.03 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value 1051.474 target_VehDyn_Per1_HwTorque_HwNm_f32.value -8.06000 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 159.1000 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -833.309 target_VehDyn_Per1_SrlHwAgVId_Cnt_lgc.value 1	ehDyn_Per1_VehicleSpeed_Kph_f32 003 0042 006 998
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_Vetarget_VehDyn_Per1_CcwEOT_HwDeg_f32.value -1050.03 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1051.474 target_VehDyn_Per1_HwTorque_HwNm_f32.value -8.06000 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 159.1000 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -833.309 target_VehDyn_Per1_SrlHwAgVId_Cnt_lgc.value 1 target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value -1332.65	ehDyn_Per1_VehicleSpeed_Kph_f32 003 0042 006 998





Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1117112832	1117112832	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784	2967684784	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-833.309998	-833.309998 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-833.309998	-833.309998 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835	2553156835	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784	2967684784	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-833.309998	-833.309998 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835	2553156835	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784	2967684784	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-833.309998	-833.309998 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-833.309998	-833.309998 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	678.661987	678.661987	~
VehDyn_MinOffset_HwDeg_M_f32	-216.720032	-216.720001	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	15.1910133	15.1910133 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	2127166208	2127166208	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	567.009949	567.01001 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 3.4 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	457.299988
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.300003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.2999992
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	12.3000002
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-599.400024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000652000017
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-599.400024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000652000017
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	84.0999985
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.5

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Input Value
25
43128
58869
54822322
2553156835
-599.400024
0.000452000007
-599.400024
0.000782000017
0
0
457.399994
166.399994
16.1000004
12.3999996
25532
27401
54822322
2553156835
-599.400024
2.54000006e-005
-599.400024
0.000652000017
0
1
1
1
0
-1300.41003
0
1
0
-374.149994
-1432.46997
3.20000005
0.000251999998
0.972000003 -1578.89001
4243378688
0.34999994
6.5
0.889999986
65
25.1000004
2.69000006
0.0166250002
2659241984
1050692864
463842816
4243378688
target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_VehDyn_Per1_CwEOT_HwDeg_f32
target_VehDyn_Per1_HwTorque_HwNm_f32
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_VehDyn_Per1_VehicleSpeed_Kph_f32
-1431.89001
386.147003
6.5
9.5
800.869995
800.869995 -599.400024
800.869995 -599.400024 1
800.869995 -599.400024





Name	Input Value		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	511		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322	54822322	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835	2553156835	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-599.400024	-599.400024 ± 0.0009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-599.400024	-599.400024 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1050692864	1050692864	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835	2553156835	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-599.400024	-599.400024 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-599.400024	-599.400024 ± 0.0009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1050692864	1050692864	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835	2553156835	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-599.400024	-599.400024 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-599.400024	-599.400024 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	-374.149994	-374.149994	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-832.48999	-832.48999	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.20166588	3.20166588 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	4243378688	4243378688	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.889999986	0.889999986 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0	0 ± 0.1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	-
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 3.5 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.399994
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.4000015
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.3999996
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.4000015
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58869
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000961999991
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	159
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	68.3000031
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.7999992
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024 54822322
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000761999981
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000515999971
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	412.700012
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	106.699997
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.699998
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	12.6999998 13352
VehDyn_AutoCntrLoSpd_M_str.Timer11nresn_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442
VehDyn AutoCntrLoSpd M str.Timer2 ms u32	1024
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.58000024e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc VehDyn_ForceCenterOffset_HwDeg_M_f32	-1200.5
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Igc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1172.87
VehDyn_MinOffset_HwDeg_M_f32	-363.029999
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.5
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000483999989
VehDyn_SLPHwAuth_Uls_M_f32	0.275999993
VehDyn_SLPHwPos_HwDeg_M_f32	62.7099991
VehDyn_SrlHwAgVldTimer_mS_M_u32 k_HiSpdVDAuthority_Uls_f32	1050692864 0
k HwTgMgnThd HwNm f32	0.00120000006
k LoSpdVDAuthority UIs f32	0.89999976
k SrlHwAgVldTiThd mS u32	112
k_SysKinRatio_MtrDegpHwDeg_f32	63.3199997
k_TravelXCDeadband_Uls_f32	3.38000011
k_TraveIXCHwAuthority_UIs_f32	0.212624997
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3304439296
target_GetSystemTime_mS_u32_CurrentTime	824746752
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32	target VehDyn Per1 MotorVelCRF MtrRadpS f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-430.290009 4076.90309
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1076.80298 -1.11000001
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1.11000001 -456
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-714.090027
0 _	





Name	Input Value		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1312.13		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024	1024	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322	54822322	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	824746752	824746752	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322	54822322	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	✓
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	•
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	824746752	824746752	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322	54822322	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-714.090027	-714.090027 ± 0.0009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
VehDyn_MaxOffset_HwDeg_M_f32	1172.87	1172.87	~
VehDyn_MinOffset_HwDeg_M_f32	283.800018	283.799988	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.49870157	1.49870157 ± 0.000009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	1050692864	1050692864	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.275999993	0.275999993 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-651.380005	-651.380005 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 3.6 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	34.1399994
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	86.0999985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.4000001
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	25.3999996
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20423
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	31368
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1361.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00080400001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1361.30005

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00080400001
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	566
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	216
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	1.10000002
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	88.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1361.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000592000026
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1361.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000176000001
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	700
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	86.3000031
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.30000019
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.1999969
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	27074
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1078320779
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	383750110
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1361.30005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	5.57999992e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1361.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00080400001
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1100.58997
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	753.541992
VehDyn_MinOffset_HwDeg_M_f32	-924.486023
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.20000005
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000399000011
VehDyn_SLPHwAuth_Uls_M_f32	0.216000006
VehDyn_SLPHwPos_HwDeg_M_f32	-799.130005
VehDyn_SrlHwAgVldTimer_mS_M_u32	3039943680
k HiSpdVDAuthority UIs f32	0
k HwTqMgnThd HwNm f32	1.10000002
k_LoSpdVDAuthority_UIs_f32	1
k_SrlHwAgVldTiThd_mS_u32	1385
k SysKinRatio MtrDegpHwDeg f32	78.3000031
k TravelXCDeadband Uls f32	89.9000015
k_TravelXCHwAuthority_Uls_f32	0.109724998
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1759885568
target_GetSystemTime_mS_u32_CurrentTime	2728878080
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTi	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
	target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SriHwAgVld_Cnt_lgc	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_VehDyn_Per1_SrlHwAg_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc target_VehDyn_Per1_SrlHwAg_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32





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Name	Input Value		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1215.07898		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-6.03999996		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	753.700012		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1361.30005		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1301.87		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	500.049988		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2728878080	2728878080	✓
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	383750110	383750110	~
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1361.30005	1361.30005 ± 0.009	<b>✓</b>
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1361.30005	1361.30005 ± 0.009	_
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	1078320779	1078320779	<b>✓</b>
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	383750110	383750110	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1361.30005	1361.30005 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1361.30005	1361.30005 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2728878080	2728878080	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	383750110	383750110	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1361.30005	1361.30005 ± 0.009	<b>✓</b>
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1361.30005	1361.30005 ± 0.009	~
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	✓
VehDyn Initialize Cnt M Igc	1	1	~
VehDyn LoSpdLearnt Cnt M Igc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	-146.221069	-146.220993	~
VehDyn_MinOffset_HwDeg_M_f32	-924.486023	-924.486023	~
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.19633675	3.19633675 ± 0.000009	~
VehDyn SrlHwAgVldTimer mS M u32	3039943680	3039943680	<b>✓</b>
target VehDyn Per1 SensorlessAuthority Uls f32.value	1	1 ± 0.004	
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	1600	1600 ± 0.1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 3.7 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime	
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.100006	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156.100006	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	42.0999985	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	39056	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2160073393	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892860
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-172.389999
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000650000002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-172.389999
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000650000002
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	125.099998
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	124.5
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3.7999995
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	10.5
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	49475
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	38708
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2160073393
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892860
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-172.389999 0.000449999992
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-172.389999
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000780000002
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_igc  VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_igc	0
VehDyn_AutoCntrHispd_M_str.Filter2Initialized_Cnt_igc  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	200.100006
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	156.100006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.400001
VehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	42.099985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	7034
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	39056
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2160073393
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	2345892860
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-172.389999
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.4999994e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-172.389999
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000650000002
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1000.67999
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	369.15799
VehDyn_MinOffset_HwDeg_M_f32	-1439.15405
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.80000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00025099999
VehDyn_SLPHwAuth_Uls_M_f32	0.986999989
VehDyn_SLPHwPos_HwDeg_M_f32	-1589.15002
VehDyn_SrlHwAgVldTimer_mS_M_u32	1316564736
k_HiSpdVDAuthority_Uls_f32	0.89999976
k_HwTqMgnThd_HwNm_f32	2.0999999
k_LoSpdVDAuthority_UIs_f32	0.330000013
k_SrlHwAgVldTiThd_mS_u32	744
k_SysKinRatio_MtrDegpHwDeg_f32	10.0200005
k_TravelXCDeadband_Uls_f32	1.25
k_TravelXCHwAuthority_UIs_f32	0.0153999999
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1720406272
target_GetSystemTime_mS_u32_CurrentTime	4243378688
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32
torget Dto Inst An VohDun VohDun Dand Consenter Authority III- 500	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_M	ltrNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_	_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph	_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1438.15002		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	375.23999		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.10000038		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-900.210022		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-172.389999		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1291.60999		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	0		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2160073393	2160073393	✓
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	2345892860	2345892860	•
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-172.389999	-172.389999 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-172.389999	-172.389999 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4243378688	4243378688	<b>✓</b>
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	2345892860	2345892860	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-172.389999	-172.389999 ± 0.0009	✓
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-172.389999	-172.389999 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2160073393	2160073393	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892860	2345892860	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-172.389999	-172.389999 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-172.389999	-172.389999 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_Initialize_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	375.23999	375.23999	<b>✓</b>
VehDyn_MinOffset_HwDeg_M_f32	-1438.15002	-1438.15002	•
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.79555798	7.7955575 ± 0.000009	<b>✓</b>
VehDyn_SrlHwAgVldTimer_mS_M_u32	1316564736	1316564736	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.899999976	0.899999976 ± 0.004	<b>✓</b>
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0	0 ± 0.1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	~

Test Step 3.8 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime	
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	554.099976	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	84.0999985	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.0999985	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	2291	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004656
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1415.88
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000936000026
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1415.88
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000936000026
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	456.700012
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	35.5400009
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.5
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75.5 33198
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004656
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1415.88
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000736000016
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1415.88
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000464000012
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	456.299988
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	86.0999985
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.0999999
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.0999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004656
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1415.88
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.31999971e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1415.88
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000936000026
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc VehDyn_ForceCenterOffset_HwDeg_M_f32	-900.77002
VehDyn HiSpdLearnt Cnt M Igc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn MaxOffset HwDeg M f32	-1274.84998
VehDyn MinOffset HwDeg M f32	-578.070007
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.4000001
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000471000007
VehDyn_SLPHwAuth_Uls_M_f32	0.216999993
VehDyn_SLPHwPos_HwDeg_M_f32	442.329987
VehDyn_SrlHwAgVldTimer_mS_M_u32	2075080192
k_HiSpdVDAuthority_Uls_f32	0
k_HwTqMgnThd_HwNm_f32	3.099999
k_LoSpdVDAuthority_Uls_f32	1
k_SrlHwAgVldTiThd_mS_u32	700
k_SysKinRatio_MtrDegpHwDeg_f32	54.1399994
k_TravelXCDeadband_Uls_f32	28.0100002
k_TravelXCHwAuthority_UIs_f32	1
target_DtrmnElapsedTime_mS_u32_ElapsedTime	824746752
target_GetSystemTime_mS_u32_CurrentTime	2242866176
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u32\_ElapsedTime\_mS\_u33\_ElapseDTime\_mS\_u33\_ElapseD$	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
Tarrier Rie Inst an Ventyn Ventyn Pert Sensoriesshweos Hwiled 132	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAg\	Vld_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg	_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCi	mdCRF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleS	peedValid_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleS	peed_Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-515.830017		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	904.164001		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-5.17999983		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.299988		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1415.88		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1281.34998		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.29999995		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	499.640015		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2242866176	2242866176	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631	4211268631	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1415.88	-1415.88 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1415.88	-1415.88 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004656	4004004656	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631	4211268631	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1415.88	-1415.88 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1415.88	-1415.88 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004656	4004004656	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631	4211268631	•
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1415.88	-1415.88 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1415.88	-1415.88 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	•
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	•
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	•
VehDyn_MaxOffset_HwDeg_M_f32	904.164001	904.164001	~
VehDyn_MinOffset_HwDeg_M_f32	-515.830017	-515.830017	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.39988518	-5.39988518 ± 0.000009	•
VehDyn_SrlHwAgVldTimer_mS_M_u32	2075080192	2075080192	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	•
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	-515.109985	-515.109985 ± 0.1	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte Call VehDvn Per1 CP1 ChecknointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	•

Test Step 3.9 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime	
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	554.799988	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	126.800003	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.8000002	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.8000031
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	33198
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948758
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1590.80005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000980000012
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1590.80005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000980000012
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	120
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	116.599998
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.4000001
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948758
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1590.80005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000780000002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1590.80005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000552000012
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	120
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	13.5
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	10
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	30404
VehDyn_AutoCntrloSpd_M_str.Timer2Thresh_mS_u16	30349 3174948758
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1590.80005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.X_Uls_f32	7.76000015e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1590.80005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000980000012
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	-800.859985
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1232.77405
VehDyn_MinOffset_HwDeg_M_f32	-443.670013
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.8999996
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000493000029
VehDyn_SLPHwAuth_Uls_M_f32	0.0480000004
VehDyn_SLPHwPos_HwDeg_M_f32	185.830002
VehDyn_SrlHwAgVldTimer_mS_M_u32	4294967295
k_HiSpdVDAuthority_UIs_f32	0
k_HwTqMgnThd_HwNm_f32	4.0999999
k_LoSpdVDAuthority_UIs_f32	704
k_SrlHwAgVldTiThd_mS_u32	701
k_SysKinRatio_MtrDegpHwDeg_f32 k_TravelXCDeadband_Uls_f32	54.1199989 17.0200005
k_TravelXCHwAuthority_Uls_f32	0.227325007
target_DtrmnElapsedTime_mS_u32_ElapsedTime	812314880
target_GetSystemTime_mS_u32_CurrentTime	3941357312
target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedT	
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target VehDyn Per1 CcwEOT HwDeg f32
taluet Rie IIIst Ab Velibyii, velibyii Fel i Gowech riwhen isz	
	, , , , , , , , , , , , , , , , , , , ,
target_Rte_inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_	Uls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	wDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mtrl	Nm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_C	Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-369.149994		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1009.97498		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-2.43000007		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1590.80005		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1271.08997		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.79999995		
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	127		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	3174948758	3174948758	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948758	3174948758	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1590.80005	1590.80005 ± 0.009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1590.80005	1590.80005 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	1	1	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3941357312	3941357312	<b>~</b>
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	3174948758	3174948758	_
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1590.80005	1590.80005 ± 0.009	<b>✓</b>
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1590.80005	1590.80005 ± 0.009	_
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	1	_
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	1	1	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	1	1	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948758	3174948758	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948758	3174948758	_
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1590.80005	1590.80005 ± 0.009	<b>✓</b>
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1590.80005	1590.80005 ± 0.009	_
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	_
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	1	1	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
VehDyn_HiSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn Initialize Cnt M Igc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	-580.825073	-580.825012	~
VehDyn_MinOffset_HwDeg_M_f32	-443.670013	-443.670013	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.8919325	13.8919325 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	4294967295	4294967295	<b>✓</b>
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600	1600 ± 0.1	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	-
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 ChecknointReached	1	_

Test Step 3.10 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	34.1399994

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	86.0999985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.4000001
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	25.3999996
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20423
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	31368
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1361.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00080400001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1361.30005 0.00080400001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	566
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	216
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	1.10000002
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	88.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1361.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000592000026
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1361.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000176000001
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	700
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	86.3000031
VehDyn_AutoCntrloSpd_M_str.FiltPinTrq_HwNm_f32	6.30000019
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	86.1999969 5235
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1078320779
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1361.30005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	5.57999992e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1361.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00080400001
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1
VehDyn_ForceCenterOffset_HwDeg_M_f32	-700.950012
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	753.541992
VehDyn_MinOffset_HwDeg_M_f32	-924.486023
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.20000005
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.000399000011
VehDyn_SLPHwPas_HwPas_HwPas_M_f32	0.216000006
VehDyn_SLPHwPos_HwDeg_M_f32	-799.130005 2728878080
VehDyn_SrlHwAgVldTimer_mS_M_u32 k HiSpdVDAuthority UIs f32	0
k_HwTqMgnThd_HwNm_f32	5.0999999
k_LoSpdVDAuthority_Uls_f32	1
k_SrlHwAgVldTiThd_mS_u32	702
k_SysKinRatio_MtrDegpHwDeg_f32	78.3000031
k_TravelXCDeadband_Uls_f32	89.9000015
k_TravelXCHwAuthority_UIs_f32	0.109724998
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1759885568
target_GetSystemTime_mS_u32_CurrentTime	2728878080
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTi	
$target\_Rte\_Call\_Ap\_VehDyn\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime$	
target_Rte_Call_Ap_VehDyn_System1fffe_GetSystem1fffe_ffts_us2_current fiffe target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF	_MtrRadpS_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_Hv	wDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAu	thority_Uls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHw		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_Igc	target_VehDyn_Per1_SrlHwAgVld_0	Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwI		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCl	RF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeed	Valid_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed	_Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-956.130005		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1215.07898		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-6.03999996		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	753.700012		
target VehDyn Per1 RelHwPos HwDeg f32.value	1361.30005		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	0		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1260.82996		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	500.049988		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2728878080	2728878080	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	383750110	383750110	~
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1361.30005	1361.30005 ± 0.009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1361.30005	1361.30005 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	_
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	_
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2728878080	2728878080	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	383750110	383750110	_
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1361.30005	1361.30005 ± 0.009	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1361.30005	1361.30005 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	1	1	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	•
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	_
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2728878080	2728878080	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	383750110	383750110	_
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1361.30005	1361.30005 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1361.30005	1361.30005 ± 0.009	_
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn Initialize Cnt M Igc	1	1	_
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	~
		-146.220993	
	-146.221069		
VehDyn_MaxOffset_HwDeg_M_f32	-146.221069 -924.486023		•
VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	-924.486023	-924.486023	· ·
VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	-924.486023 3.19633675	-924.486023 3.19633675 ± 0.000009	~
VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	-924.486023	-924.486023	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	2	GetSystemTime_mS_u32	2	•
Rte Call VehDyn Per1 CP1 ChecknointReached	1	Rte Call VehDyn Per1 CP1 ChecknointReached	1	

Test Step 3.11 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime

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Name	Input Value
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	0
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	0
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	0
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	0
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	0
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	0
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrg_HwNm_f32	0
· - · ·	0
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	0
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	0
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	0
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	0
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	0
/ehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	0
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	0
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1600
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_ForceCenterEnabled_Cnt_M_lgc	1
/ehDyn_ForceCenterOffset_HwDeg_M_f32	-601.039978
/ehDyn_HiSpdLearnt_Cnt_M_lgc	0
ehDyn_Initialize_Cnt_M_lgc	0
/ehDyn_LoSpdLearnt_Cnt_M_lgc	0
ehDyn_MaxOffset_HwDeg_M_f32	-2840
ehDyn_MinOffset_HwDeg_M_f32	-1440.10999
ehDyn_PinTrqSV_M_str.SV_UIs_f32	-18.7999992
ehDyn_PinTrqSV_M_str.K_Uls_f32	2.51327106e-006
ehDyn_SLPHwAuth_Uls_M_f32	0
ehDyn_SLPHwPos_HwDeg_M_f32	-1600
ehDyn_SrlHwAgVldTimer_mS_M_u32	824746752
_HiSpdVDAuthority_Uls_f32	0
HwTgMgnThd HwNm f32	6.0999999
_LoSpdVDAuthority_Uls_f32	0
SrlHwAgVldTiThd mS u32	703
_SysKinRatio_MtrDegpHwDeg_f32	1
	0
:_TravelXCDeadband_Uls_f32	
_TravelXCHwAuthority_UIs_f32	0
arget_DtrmnElapsedTime_mS_u32_ElapsedTime arget_GetSystemTime_mS_u32_CurrentTime	0
	10





Name	Input Value		
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime	824746752		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32	2	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3	32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRa	dpS_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f	32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_H		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAg HwDeg f32	target VehDyn Per1 SrlHwAg HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_Mtr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_C		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target VehDyn Per1 VehicleSpeed Kph f		
target VehDyn Per1 CcwEOT HwDeg f32.value	-1440.10999		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	360		
target VehDyn Per1 HwTorque HwNm f32.value	-10		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1118		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1600		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-1250.56995		
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	-8.80000019		
	0		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	·	I=	- "
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0	0	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0	0	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	-
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	-
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_Initialize_Cnt_M_lgc	1	1	-
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	1	<b>✓</b>
VehDyn MaxOffset HwDeg M f32	360	360	-
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999	-1440.10999	-
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-18.7999992	-18.7999992 ± 0.00009	-
			·
	824746752	824/40/52	
VehDyn_SrlHwAgVldTimer_mS_M_u32 target VehDyn Per1 SensorlessAuthority Uls f32.value	824746752	824746752 1 ± 0.004	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	•
Autocenter_f32	1	Autocenter_f32	1	•
GetSystemTime_mS_u32	2	GetSystemTime_mS_u32	2	•
Rte Call VehDvn Per1 CP1 CheckpointReached	1	Rte Call VehDvn Per1 CP1 CheckpointReached	1	_

Test Step 3.12 (Repeat Count = 1)	✓
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime

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Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	0
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	0
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	0
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	0
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0  -1600
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1600
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc	0
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	0
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	0
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	0
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	0
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	0
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	0
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	0
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrLoSpd_M_str.Timerz_ms_usz  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	2.51327106e-006
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1600
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	2.51327106e-006
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1600
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-2840
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-18.7999992
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51327106e-006
VehDyn_SLPHwAuth_Uls_M_f32	0
VehDyn_SLPHwPos_HwDeg_M_f32	-1600
VehDyn_SrlHwAgVldTimer_mS_M_u32	824746752
VehDyn_SrlHwAgVldTimer_mS_M_u32 k_HiSpdVDAuthority_Uls_f32	824746752 0
VehDyn_SrlHwAgVldTimer_mS_M_u32 k_HiSpdVDAuthority_Uls_f32 k_HwTqMgnThd_HwNm_f32	824746752 0 7.0999999
VehDyn_SrlHwAgVldTimer_mS_M_u32 k_HiSpdVDAuthority_Uls_f32 k_HwTqMgnThd_HwNm_f32 k_LoSpdVDAuthority_Uls_f32	824746752 0 7.0999999 0
VehDyn_SrlHwAgVldTimer_mS_M_u32 k_HiSpdVDAuthority_Uls_f32 k_HwTqMgnThd_HwNm_f32 k_LoSpdVDAuthority_Uls_f32 k_SrlHwAgVldTiThd_mS_u32	824746752 0 7.0999999 0 9000
VehDyn_SrlHwAgVldTimer_mS_M_u32 k_HiSpdVDAuthority_Uls_f32 k_HwTqMgnThd_HwNm_f32 k_LoSpdVDAuthority_Uls_f32 k_SrlHwAgVldTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32	824746752 0 7.0999999 0 9000 1
VehDyn_SrlHwAgVldTimer_mS_M_u32 k_HiSpdVDAuthority_Uls_f32 k_HwTqMgnThd_HwNm_f32 k_LoSpdVDAuthority_Uls_f32 k_SrlHwAgVldTiThd_mS_u32	824746752 0 7.0999999 0 9000

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Name	Input Value		
target_GetSystemTime_mS_u32_CurrentTime	0		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedTi			
target_Rte_Call_Ap_VehDyn_SystemTime_DtffillclapsedTime_III3_u32_LiapsedTime_III3_u32_LiapsedTime_MS_u32_CurrentTime	824746752		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target VehDyn Per1 CwEOT HwDeg f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	•	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRad		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3.		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_L		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hw		
target Rte Inst Ap VehDyn.VehDyn Per1 SrlHwAgVld Cnt Igc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc	20902	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN	m f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cr		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3.		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1250		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	360		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-10		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1118		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1600		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target VehDyn Per1 SrlHwAg HwDeg f32.value	-1240.31006		
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	-8.80000019		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	0		
Name	Actual Value	Expected Value	Result
VehDyn AllowHiSpdAutoCntr Cnt M Igc	0	0	~
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0	0	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	0	•
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0	0	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0	0	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600 ± 0.009	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	Ö	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	~
VehDyn_MaxOffset_HwDeg_M_f32	360	360	~
VehDyn_MinOffset_HwDeg_M_f32	-1250	-1250	~
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-18.7999992	-18.7999992 ± 0.00009	~
VehDyn_SrlHwAgVldTimer_mS_M_u32	824746752	824746752	~
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1240	-1240 ± 0.1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
Rte Call VehDyn Per1 CP1 CheckpointReached	1	Rte Call VehDyn Per1 CP1 CheckpointReached	1	•



Test Step 3.13 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32(ElapsedTime)	target_Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32_ElapsedTime
Rte Call Ap VehDyn SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehDyn SystemTime GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	9.5
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	146.5
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	78.5
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	34188
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	969.01001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000882000022
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	969.01001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000882000022
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	2.20000005
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	76.5
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	97.1999969
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	16683
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	22497
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	969.01001
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32	0.000682000013
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	969.01001 0.000356000004
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	1
VehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	2.70000005
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	136.699997
VehDyn AutoCntrLoSpd M str.FiltPinTrq HwNm f32	14.699998
VehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	96.6999969
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	21364
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52716
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	969.01001
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	6.7799997e-005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	969.01001
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000882000022
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_ForceCenterEnabled_Cnt_M_lgc	0
VehDyn_ForceCenterOffset_HwDeg_M_f32	997.52002
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	978
VehDyn_MinOffset_HwDeg_M_f32	-623
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.80000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000444000005
VehDyn_SLPHwAuth_Uls_M_f32	0.981000006
VehDyn_SLPHwPos_HwDeg_M_f32	-337.429993
VehDyn_SrlHwAgVldTimer_mS_M_u32	1262472576
k_HiSpdVDAuthority_UIs_f32	0.800000012
k_HwTqMgnThd_HwNm_f32	9.19999981
k LoCod\/DAuthority Lllo f22	0
k_LoSpdVDAuthority_Uls_f32	
k_cospovoAdunoniy_ois_132 k_SrlHwAgVIdTiThd_mS_u32 k_SysKinRatio_MtrDegpHwDeg_f32	65 86.3000031

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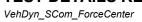
Name	Input Value		
k TravelXCDeadband Uls f32	43.5499992		
k_TraveIXCHwAuthority_UIs_f32	0.164849997		
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2059598336		
target GetSystemTime mS u32 CurrentTime	1117112832		
target Rte Call Ap VehDyn SystemTime DtrmnElapsedTime mS u32 ElapsedT			
target_Rte_Call_Ap_VehDyn_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32	0	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f3:		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRac		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f3		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32	target_VehDyn_Per1_SensorlessAuthority_I		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_Hv	NDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAgVld_Cnt_lgc	target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SrlHwAg_HwDeg_f32	target_VehDyn_Per1_SrlHwAg_HwDeg_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrN		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_C		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f3	04	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-674		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1293		
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.70000005		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-900.549988		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	969.01001		
target_VehDyn_Per1_SrlHwAgVld_Cnt_lgc.value	1		
target_VehDyn_Per1_SrlHwAg_HwDeg_f32.value	-337.429993		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.1999981		
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	123.459999		
Name	Actual Value	Expected Value	Result
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784	2967684784	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886	2138628886	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	969.01001	969.01001 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	969.01001	969.01001 ± 0.0009	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1117112832	1117112832	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886	2138628886	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	969.01001	969.01001 ± 0.009	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	969.01001	969.01001 ± 0.009	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1117112832	1117112832	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886	2138628886	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	969.01001	969.01001 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	969.01001	969.01001 ± 0.0009	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	1	~
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	0	~
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	0	•
VehDyn_Initialize_Cnt_M_lgc	1	1	~
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	0	<b>✓</b>
VehDyn_MaxOffset_HwDeg_M_f32	323.98999	323.98999	~
VehDyn_MinOffset_HwDeg_M_f32	-623	-623	<b>✓</b>
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.79582453	7.79582405 ± 0.000009	
VehDyn SrlHwAgVldTimer mS M u32	1262472576	1262472576	<b>~</b>
target VehDyn Per1 SensorlessAuthority Uls f32.value	1	1 ± 0.004	~
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-337.429993	-337.429993 ± 0.1	<b>✓</b>

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Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	Rte_Call_Ap_VehDyn_SystemTime_DtrmnElapsedTime_mS_u32	1	~
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
Autocenter_f32	1	Autocenter_f32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1	-

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 Project
 VehDyn

 Module
 VehDyn

Test Object VehDyn\_SCom\_ForceCenter

#### Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %

#### **Statistics**

Total Testcases	1	
Successful	1	✓
Failed	0	
Not Executed	0	

#### **Module Properties**

Project Root Directory	D:\Synergy_Work_Area\VehDyn
Configuration File	D:\Synergy_Work_Area\VehDyn\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\src\Ap_VehDyn.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I\$(PROJECTROOT)\StdDeftinclude -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT) \utb\contract -I\$(PROJECTROOT)\utb\contract\Ap_VehDvn -I\$(ProgramFiles)\Texas Instruments\cssv4\tools\compiler\tms470_4.9.5\include

Name	Text
olodule 'VehDyn'	Name of Tester:Spoorti Mali Code File(s) Under Test:Ap_VehDyn.c Code File(s) Version:8 Module Design Document:VehDyn_MDD.docx Module Design Document Version:9 Data Dictionary Version:10 Unit Test Plan Version:6
	Optimization Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32 Total FLASH Used (Bytes):2278 Total RAM Used (Bytes):201 Total CALS Used (Bytes):115 Special Test Requirements: Test Date:09-15-2015 Comments:"NOTE1: Inline function defined in ""GlobalMacro.h"" are not unit tested. NOTE2: ""CBD_Sandbox_dbg.map"" map file is embedded for reference."

Attributes	
Name	Value
Compiler Install Path	<pre>\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5</pre>
Float Precision	9
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files</pre>
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	<pre>\$(InitObjDir)\sys_link.cmd</pre>
Makefile Template	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl</pre>
Target Install Path	\$(ProgramFiles)\pls
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg

VehDyn\_SCom\_ForceCenter

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Workspace File

D:\Synergy\_Work\_Area\VehDyn\UnitTestEnv\config\UDE\_TMS570\_DEBUG.WSP



#### VehDyn\_SCom\_ForceCenter

#### Test Case 1: Boundary Test

Specification

Performance Metrics: (With "None" Instrumentation and "WithPS" Environment)

CPU Cycles: TS 1.1 589.00 Cycles TS 1.2 589.00 Cycles TS 1.3 589.00 Cycles TS 1.4 589.00 Cycles TS 1.5 589.00 Cycles

Vector Description: Description

TS 1.1RelHwPos\_HwDeg\_f32=Min TS 1.2RelHwPos\_HwDeg\_f32=Neg TS 1.3RelHwPos\_HwDeg\_f32=0 TS 1.4RelHwPos\_HwDeg\_f32=Pos TS 1.5RelHwPos\_HwDeg\_f32=Max

Test Step 1.1 (Repeat Count = 1)			✓	
Name	Input Value			
Rte_Read_Ap_VehDyn_RelHwPos_HwDeg_f32(data)	target_Rte_Read_Ap_VehDy	target_Rte_Read_Ap_VehDyn_RelHwPos_HwDeg_f32_data		
target_Rte_Read_Ap_VehDyn_RelHwPos_HwDeg_f32_data	-1600	-1600		
Name	Actual Value	Expected Value	Result	
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1	1	<b>✓</b>	
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1600	-1600 ± 0.009	<b>✓</b>	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_VehDyn_RelHwPos_HwDeg_f32	1	Rte_Read_Ap_VehDyn_RelHwPos_HwDeg_f32	1	~

Test Step 1.2 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Rte_Read_Ap_VehDyn_RelHwPos_HwDeg_f32(data)	target_Rte_Read_Ap_VehDy	n_RelHwPos_HwDeg_f32_data	
target_Rte_Read_Ap_VehDyn_RelHwPos_HwDeg_f32_data	-1200.56006		
Name	Actual Value	Expected Value	Result
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1	1	~
VehDyn_ForceCenterOffset_HwDeg_M_f32	-1200.56006	-1200.56006 ± 0.009	<b>✓</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte Read Ap VehDyn RelHwPos HwDeg f32	1	Rte Read Ap VehDyn RelHwPos HwDeg f32	1	~

Test Step 1.3 (Repeat Count = 1)			<b>✓</b>	
Name	Input Value			
Rte_Read_Ap_VehDyn_RelHwPos_HwDeg_f32(data)	target_Rte_Read_Ap_VehD	target_Rte_Read_Ap_VehDyn_RelHwPos_HwDeg_f32_data		
target_Rte_Read_Ap_VehDyn_RelHwPos_HwDeg_f32_data	0	0		
Name	Actual Value	Expected Value	Result	
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1	1	~	
VehDyn_ForceCenterOffset_HwDeg_M_f32	0	0 ± 0.000009	<b>✓</b>	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte Read Ap VehDvn RelHwPos HwDeg f32	1	Rte Read Ap VehDvn RelHwPos HwDeg f32	1	

Test Step 1.4 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Read_Ap_VehDyn_RelHwPos_HwDeg_f32(data)	target_Rte_Read_Ap_VehDyr	n_RelHwPos_HwDeg_f32_data	
target_Rte_Read_Ap_VehDyn_RelHwPos_HwDeg_f32_data	1300.25		
Name	Actual Value	Expected Value	Result
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1	1	~
VehDvn ForceCenterOffset HwDeg M f32	1300.25	1300.25 ± 0.009	<b>✓</b>

VehDyn\_SCom\_ForceCenter

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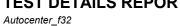


Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_VehDyn_RelHwPos_HwDeg_f32	1	Rte_Read_Ap_VehDyn_RelHwPos_HwDeg_f32	1	~

Test Step 1.5 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Read_Ap_VehDyn_RelHwPos_HwDeg_f32(data)	target_Rte_Read_Ap_VehDyn_RelHwPos_HwDeg_f32_data		
target_Rte_Read_Ap_VehDyn_RelHwPos_HwDeg_f32_data	1600		
Name	Actual Value	Expected Value	Result
VehDyn_ForceCenterEnabled_Cnt_M_lgc	1	1	~
VehDyn_ForceCenterOffset_HwDeg_M_f32	1600	1600 ± 0.009	•

Test Step Call Trace			<b>✓</b>	
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_VehDyn_RelHwPos_HwDeg_f32	1	Rte_Read_Ap_VehDyn_RelHwPos_HwDeg_f32	1	~

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 Project
 VehDyn

 Module
 VehDyn

 Test Object
 Autocenter\_f32

#### Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
<b>Decision Coverage</b>	100 %
Branch (C1) Coverage	100 %
MCC Coverage	100 %
MC/DC Coverage	100 %

#### **Statistics**

Total Testcases	3	
Successful	3	~
Failed	0	
Not Executed	0	

#### **Module Properties**

Project Root Directory	D:\Synergy_Work_Area\VehDyn
Configuration File	D:\Synergy_Work_Area\VehDyn\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\src\Ap_VehDyn.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\\utp\contract -I\$(PROJECTROOT)\utp\contract\Ap_VehDyn -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

ame	Text
odule 'VehDyn'	**************************************
	Name of Tester:Spoorti Mali
	Code File(s) Under Test:Ap_VehDyn.c
	Code File(s) Version:8
	Module Design Document:VehDyn_MDD.docx
	Module Design Document Version:9
	Data Dictionary Version:10 Unit Test Plan Version:6
	Optimization Level:Level 2
	Compiler (CodeGen) Version:TMS470 4.9.5
	Model Type:Excel Macro
	Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32
	Total FLASH Used (Bytes):2278
	Total RAM Used (Bytes):201
	Total CALS Used (Bytes):115
	Special Test Requirements:
	Test Date:09-15-2015 Comments:"NOTE1: Inline function defined in ""GlobalMacro.h"" are not unit tested.
	Comments. NOTE 1. Infine function desired in Globalisation are not unit tested.  NOTE2: "CBD Sandbox dbq.map" map file is embedded for reference."

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(InitObjDir)\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	\$(ProgramFiles)\pls
Time Unit	Cycles
Timer Enabled	false

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Attributes	
Name	Value
Timer Prescale	0
Timer Resolution	
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\VehDyn\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



#### **Test Case 1: Metrics Test**

Specification

Performance Metrics: (With "None" Instrumentation and "WithPS" Environment)

TS1.1 680.00 Cycles Shortest Execution Pat TS1.2 1810.00 Cycles Longest Execution Path Shortest Execution Path

#### Description Vector Description:

TS1.1"Shortest Execution Path=> if( (Abs\_f32\_m(MotorVelCRF\_MtrRadpS\_T\_f32) <= AutoCntr\_Cnt\_T\_str->MtrVel\_MtrRadpS\_f32) && (VehicleSpeed\_Kph\_T\_f32 >= AutoCntr\_Cnt\_T\_str->VehSpd\_kph\_f32) && (VehSpdValid\_Cnt\_T\_igc == D\_TRUE\_CNT\_LGC) && (AbsFiltPinTrq\_HwNm\_T\_f32 <= (AutoCntr\_Cnt\_T\_str->FiltPinTrq\_HwNm\_f32) ))=>False if(AutoCntr\_Cnt\_T\_str->Filter1Enable\_Cnt\_Igc == D\_TRUE\_CNT\_LGC)=>False"

TS1.2"Longest Execution Path=>

If(Abs\_132\_m(ReinWF0s\_nwbeg\_1\_132 - Autociti\_Cit\_1\_su-FreinWF0s\_introv\_Intro}) 

CntrWindow\_HwDeg\_f32)=>True 

if((AutoCntr\_Cnt\_T\_str->Filter2Enable\_Cnt\_lgc == D\_FALSE\_CNT\_LGC) && 
(Timer2Elapsed\_mS\_T\_u32 >= AutoCntr\_Cnt\_T\_str->Timer2Thresh\_mS\_u16)) =>True 

if (AutoCntr\_Cnt\_T\_str->Filter2Enable\_Cnt\_lgc == D\_FALSE\_CNT\_LGC)=>True 

if (AutoCntr\_Cnt\_T\_str->Filter2Enable\_Cnt\_lgc == D\_TRUE\_CNT\_LGC)=>True"

Test Step 1.1 (Repeat Count = 1)			✓	
Name	Input Value			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str			
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedT	îme		
FiltPinTrq_HwNm_T_f32	0			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime			
MotorVelCRF_MtrRadpS_T_f32	-1350			
RelHwPos_HwDeg_T_f32	-1600			
VehSpdValid_Cnt_T_lgc	0			
VehicleSpeed_Kph_T_f32	0			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	0			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	0			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	0			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	0			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	0			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	0			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4243378688			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2269150976			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000501999981			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000501999981			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	0			
tgt_GetSystemTime_mS_u32_CurrentTime	0			
Name	Actual Value	Expected Value	Result	
Autocenter_f32()	0	0 ± 0.1	~	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	0	0	<b>~</b>	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2269150976	2269150976	~	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600	<b>~</b>	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600	~	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	<b>~</b>	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	~	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	~	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	~	

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	





Test Step 1.2 (Repeat Count = 1) Name	Input Value			
AutoCntr_Cnt_T_str	tgt AutoCntr Cnt T str			
DtrmnElapsedTime mS u32(ElapsedTime)		tgt DtrmnElapsedTime mS u32 ElapsedTime		
FiltPinTrq HwNm T f32		5		
GetSystemTime_mS_u32(CurrentTime)	tgt GetSystemTime mS u32 CurrentTime			
MotorVelCRF MtrRadpS T f32	0			
RelHwPos HwDeg T f32	-888			
VehSpdValid_Cnt_T_lgc	1			
VehicleSpeed_Kph_T_f32	216			
tgt AutoCntr Cnt T str.MtrVel MtrRadpS f32	120			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	85			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53759			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1316564736			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3345084416			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000508000026			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000508000026			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3437401088			
tgt_GetSystemTime_mS_u32_CurrentTime	954802432			
Name	Actual Value	Expected Value	Resul	
Autocenter_f32()	0	0 ± 0.1	•	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1316564736	1316564736	•	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432	954802432	•	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888	-888	•	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-888	-888		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	•	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	•	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1		

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~		
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~		
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~		

Autocenter\_f32

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Test Case 2: Boundary Test

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#### Specification

Autocenter\_f32

Performance Metrics: (With "None" Instrumentation and "WithPS" Environment)

CPU Cycles:

TS2.1 676.00 Cycles TS2.2 676.00 Cycles TS2.3 659.00 Cycles TS2.4 659.00 Cycles
TS2.5 730.00 Cycles
TS2.5 730.00 Cycles
TS2.6 659.00 Cycles
TS2.7 659.00 Cycles
TS2.7 659.00 Cycles
TS2.8 659.00 Cycles
TS2.9 659.00 Cycles
TS2.10 705.00 Cycles
TS2.10 705.00 Cycles
TS2.11 659.00 Cycles
TS2.12 659.00 Cycles
TS2.13 659.00 Cycles
TS2.13 659.00 Cycles
TS2.15 663.00 Cycles
TS2.15 663.00 Cycles
TS2.16 683.00 Cycles
TS2.17 659.00 Cycles
TS2.18 728.00 Cycles
TS2.18 728.00 Cycles
TS2.19 654.00 Cycles
TS2.20 701.00 Cycles
TS2.21 654.00 Cycles
TS2.22 654.00 Cycles
TS2.23 654.00 Cycles
TS2.23 654.00 Cycles
TS2.24 654.00 Cycles
TS2.25 654.00 Cycles
TS2.26 654.00 Cycles
TS2.27 654.00 Cycles
TS2.28 654.00 Cycles
TS2.29 654.00 Cycles
TS2.29 654.00 Cycles
TS2.21 654.00 Cycles
TS2.23 654.00 Cycles
TS2.23 654.00 Cycles
TS2.24 654.00 Cycles
TS2.25 654.00 Cycles
TS2.26 654.00 Cycles
TS2.27 654.00 Cycles
TS2.28 654.00 Cycles
TS2.29 654.00 Cycles
TS2.29 654.00 Cycles
TS2.21 654.00 Cycles
TS2.23 654.00 Cycles
TS2.24 654.00 Cycles
TS2.25 654.00 Cycles
TS2.26 654.00 Cycles
TS2.27 654.00 Cycles
TS2.28 654.00 Cycles
TS2.29 654.00 Cycles
TS2.36 654.00 Cycles
TS2.37 654.00 Cycles
TS2.38 654.00 Cycles
TS2.39 654.00 Cycles
TS2.39 654.00 Cycles
TS2.31 654.00 Cycles
TS2.31 654.00 Cycles
TS2.32 654.00 Cycles
TS2.33 654.00 Cycles
TS2.34 654.00 Cycles
TS2.35 654.00 Cycles
TS2.36 654.00 Cycles
TS2.47 654.00 Cycles
TS2.48 703.00 Cycles
TS2.49 654.00 Cycles
TS2.51 693.00 Cycles
TS2.52 654.00 Cycles
TS2.53 703.00 Cycles
TS2.55 654.00 Cycles
TS2.56 654.00 Cycles
TS2.57 664.00 Cycles
TS2.58 693.00 Cycles
TS2.59 654.00 Cycles
TS2.59 654.00 Cycles
TS2.56 654.00 Cycles
TS2.57 664.00 Cycles
TS2.58 664.00 Cycles
TS2.59 654.00 Cycles
TS2.59 654.00 Cycles
TS2.56 654.00 Cycles
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TS2.59 654.00 Cycles
TS2.59 654.00 Cycles
TS2.50 654.00 Cycles
TS2.56 654.00 Cycles
TS2.57 664.00 Cycles
TS2.58 664.00 Cycles
TS2.59 654.00 Cycles
TS2.56 664.00 Cycles
TS2.57 664.00 Cycles
TS2.67 664.00 Cycles
TS2.67 664.00 Cycles
TS2.67 664.00 Cycles
TS2.67 664.00 Cycles
TS2.77 664.00 Cycles
TS2.77 664.00 Cyc





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Description Vector Description:
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TS 2.1All Min
TS 2.2All Max
TS 2.3FiltPinTrq_HwNm_T_f32 = Min
TS 2.4FiltPinTrq_HwNm_T_f32 = Max
TS 2.5FiltPinTrq_HwNm_T_f32 = Zero
TS 2.6FiltPinTrq_HwNm_T_f32 = Zero
TS 2.6FiltPinTrq_HwNm_T_f32 = Neg
TS 2.8MotorVelCRF_MtrRadpS_T_f32 = Min
TS 2.9MotorVelCRF_MtrRadpS_T_f32 = Min
TS 2.9MotorVelCRF_MtrRadpS_T_f32 = Zero
TS 2.11MotorVelCRF_MtrRadpS_T_f32 = Neg
TS 2.13VehicleSpeed_Kph_T_f32 = Neg
TS 2.13VehicleSpeed_Kph_T_f32 = Neg
TS 2.13VehicleSpeed_Kph_T_f32 = Min
TS 2.14VehicleSpeed_Kph_T_f32 = Min
TS 2.15VehicleSpeed_Kph_T_f32 = Pos
TS 2.15VehicleSpeed_Kph_T_f32 = Pos
TS 2.15VehicleSpeed_Kph_T_f32 = Min
TS 2.15VehicleSpeed_Kph_T_f32 = Min
TS 2.15VehicleSpeed_Kph_T_f32 = Neg
TS 2.15VehicleSpeed_Kph_T_f32 = Neg
TS 2.15VehicleSpeed_Kph_T_f32 = Neg
TS 2.17VehSpdValid_Cnt_T_lgc = Min
TS 2.17VehSpdValid_Cnt_T_lgc = Max
TS 2.18RelHwPos_HwDeg_T_f32 = Zero
TS 2.18RelHwPos_HwDeg_T_f32 = Neg
TS 2.23RelHwPos_HwDeg_T_f32 = Neg
TS 2.23AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32==>Min
TS 2.24AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32==>Max
TS 2.25AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32==>Pos
TS 2.26AutoCntr_Cnt_T_str.WehSpd_kph_f32==>Min
TS 2.27AutoCntr_Cnt_T_str.WehSpd_kph_f32==>Min
TS 2.27AutoCntr_Cnt_T_str.WehSpd_kph_f32==>Min
TS 2.27AutoCntr_Cnt_T_str.WehSpd_kph_f32==>Min
TS 2.23AutoCntr_Cnt_T_str.Timer1_HwNm_f32==>Max
TS 2.30AutoCntr_Cnt_T_str.Timer1_mS_u32==>Min
TS 2.33AutoCntr_Cnt_T_str.Timer1_mS_u32==>Min
TS 2.33AutoCntr_Cnt_T_str.Timer1_mS_u32==>Min
TS 2.33AutoCntr_Cnt_T_str.Timer1_mS_u32==>Min
TS 2.35AutoCntr_Cnt_T_str.Timer1_mS_u32==>Min
TS 2.35AutoCntr_Cnt_T_str.Timer1_mS_u
          TS 2.1All Min
          TS 2.2All Max
          TS 2.44AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV==>Pos
      TS 2.44AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV==>Pos
TS 2.45AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV==>Pos
TS 2.46AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV==>Neg
TS 2.47AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K==>Min
TS 2.48AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K==>Pos
TS 2.50AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K==>Pos
TS 2.50AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV==>Min
TS 2.51AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV==>Pos
TS 2.53AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV==>Pos
TS 2.53AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV==>Zero
TS 2.54AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV==>Zero
TS 2.54AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV==>Zero
      IS 2.53AutoCntr_Cnt_I_str.ReiHwPosFilt2SV_HwDeg_str.SV==>Zero
TS 2.54AutoCntr_Cnt_T_str.ReiHwPosFilt2SV_HwDeg_str.SV==>Neg
TS 2.55AutoCntr_Cnt_T_str.ReiHwPosFilt2SV_HwDeg_str.Str.S=>Min
TS 2.56AutoCntr_Cnt_T_str.ReiHwPosFilt2SV_HwDeg_str.K==>Max
TS 2.56AutoCntr_Cnt_T_str.ReiHwPosFilt2SV_HwDeg_str.K=>Pos
TS 2.58AutoCntr_Cnt_T_str.ReiHwPosFilt2SV_HwDeg_str.K=>Pos
TS 2.59AutoCntr_Cnt_T_str.Filter2Enable_Cnt_Igc==>Min
TS 2.50AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_Igc==>Min
      IS 2.60AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc==>Min
TS 2.61AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc==>Max
TS 2.62AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32==>Min
TS 2.63AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32==>Max
TS 2.64AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32==>Pos
TS 2.65AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16==>Min
TS 2.66AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16==>Max
TS 2.67AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16==>Pos
TS 2.68AutoCntr_Cnt_T_str.Timer2_mS_u32==>Min
TS 2.69AutoCntr_Cnt_T_str.Timer2_mS_u32==>Max
TS 2.70AutoCntr_Cnt_T_str.Timer2_mS_u32==>Pos
          TS 2.70AutoCntr_Cnt_T_str.Timer2_mS_u32==>Pos
          TS 2.71GetSystemTime_mS_u32 = Min
TS 2.72GetSystemTime_mS_u32 = Max
            TS 2.73GetSystemTime_mS_u32 = Pos
          TS 2.74DtrmnElapsedTime_mS_u32 = Min
TS 2.75DtrmnElapsedTime_mS_u32 = Max
            TS 2.76DtrmnElapsedTime_mS_u32 = Pos
```

Test Step 2.1 (Repeat Count = 1)		
Name	Input Value	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	-18.7999992	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	-1350	
RelHwPos_HwDeg_T_f32	-3200	
VehSpdValid_Cnt_T_lgc	0	
VehicleSpeed_Kph_T_f32	0	
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	0	
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	0	

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	0		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	0		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	0		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	0		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	0		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	0		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	0		
tgt_GetSystemTime_mS_u32_CurrentTime	0		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	0	0	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	0	0	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200	-3200	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200	-3200	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Name	Input Value			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime			
FiltPinTrq_HwNm_T_f32	18.7999992			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_C	CurrentTime		
MotorVelCRF_MtrRadpS_T_f32	1350			
RelHwPos_HwDeg_T_f32	3200			
VehSpdValid_Cnt_T_lgc	1			
VehicleSpeed_Kph_T_f32	512			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	700			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	255			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	20			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	100			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	60000			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	60000			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4294967295			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4294967295			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3200			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584786			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	3200			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584786			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	4294967295			
tgt_GetSystemTime_mS_u32_CurrentTime	4294967295			
Name	Actual Value	Expected Value	Resul	
Autocenter_f32()	0	0 ± 0.1		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4294967295	4294967295		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4294967295	4294967295		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3200	3200		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	3200	3200	•	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	•	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	•	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1		



Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•	

Test Step 2.3 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32	_ElapsedTime	
FiltPinTrq_HwNm_T_f32	-18.7999992		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Cu	urrentTime	
MotorVelCRF_MtrRadpS_T_f32	-123		
RelHwPos_HwDeg_T_f32	-172.389999		
VehSpdValid_Cnt_T_lgc	0		
VehicleSpeed_Kph_T_f32	166		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	75		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	156		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	4		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	10		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	12258		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	33198		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	10000		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2269150976		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-172.389999		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000780000002		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-172.389999		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000449999992		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1720406272		
tgt_GetSystemTime_mS_u32_CurrentTime	4243378688		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4243378688	4243378688	~
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2269150976	2269150976	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-172.389999	-172.389999	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-172.389999	-172.389999	•
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	

Test Step 2.4 (Repeat Count = 1)	✓
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	18.7999992
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	189
RelHwPos_HwDeg_T_f32	-599.400024
VehSpdValid_Cnt_T_lgc	1
VehicleSpeed_Kph_T_f32	176
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	98.0199966
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	166.009995
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	16
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	25
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	26195
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	21335
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	20000
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3533260288
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-599.400024
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000782000017

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-599.400024		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000452000007		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2659241984		
tgt_GetSystemTime_mS_u32_CurrentTime	1050692864		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1050692864	1050692864	~
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3533260288	3533260288	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-599.400024	-599.400024	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-599.400024	-599.400024	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	1	1	<b>✓</b>

Test Step Call Trace					V
Actual Function	Count	Expected Function	Count	Resi	ult
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1		<b>~</b>

Test Step 2.5 (Repeat Count = 1)	In and Malian		
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32	2_ElapsedTime	
FiltPinTrq_HwNm_T_f32	0		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_0	CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	63.0200005		
RelHwPos_HwDeg_T_f32	770.52002		
VehSpdValid_Cnt_T_lgc	0		
VehicleSpeed_Kph_T_f32	186		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	66		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	84		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5.19999981		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	86.2099991		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	43128		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	53970		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	437658624		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	812314880		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	770.52002		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000783999974		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	770.52002		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000859000022		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2942063360		
tgt_GetSystemTime_mS_u32_CurrentTime	3039943680		
Name	Actual Value	Expected Value	Resu
Autocenter_f32()	0	0 ± 0.1	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3039943680	3039943680	•
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	812314880	812314880	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	770.52002	770.52002	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	770.52002	770.52002	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime mS u32	1	GetSystemTime mS u32	1	~



Test Step 2.6 (Repeat Count = 1)			•
Name	Input Value		
AutoCntr_Cnt_T_str	tgt AutoCntr Cnt T str		
DtrmnElapsedTime mS u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32 Elapsed	ime	
FiltPinTrg HwNm T f32	12.3299999	inc	
GetSystemTime mS u32(CurrentTime)	tat GetSystemTime mS u32 CurrentTime		
MotorVelCRF MtrRadpS T f32	-900		
RelHwPos HwDeg T f32	995.5		
VehSpdValid Cnt T lgc	0		
VehicleSpeed Kph T f32	196		
tgt AutoCntr Cnt T str.MtrVel MtrRadpS f32	600.109985		
tgt AutoCntr Cnt T str.VehSpd kph f32	76		
tgt AutoCntr Cnt T str.FiltPinTrg HwNm f32	2		
tgt AutoCntr Cnt T str.CntrWindow HwDeg f32	52		
tgt AutoCntr Cnt T str.Timer1Thresh mS u16	33198		
tgt AutoCntr Cnt T str.Timer2Thresh mS u16	38868		
tgt AutoCntr Cnt T str.Timer1 mS u32	71426560		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_us2 tgt_AutoCntr_Cnt_T_str.Timer2_mS_us2	4129141760		
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.SV Uls f32	995.5		
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.00078599999		
tgt_AutoCntr_Cnt_T_str.ReiHwPosFilt2SV_HwDeg_str.RV_Uls_f32	995.5		
tgt_AutoCntr_Cnt_T_str.ReinwFosFilt2SV_nwDeg_str.Sv_ois_is2 tgt_AutoCntr_Cnt_T_str.ReiHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000126600004		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_rgc tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_rgc	1		
	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc tgt_DtrmnElapsedTime mS_u32_ElapsedTime	1759885568		
tgt_GetSystemTime_mS_u32_EiapsedTime tgt_GetSystemTime_mS_u32_CurrentTime	309385728		
		I=	1
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	309385728	309385728	<b>V</b>
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4129141760	4129141760	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	995.5	995.5	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	995.5	995.5	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.7 (Repeat Count = 1)	
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	-12.4499998
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	800
RelHwPos_HwDeg_T_f32	-880.02002
VehSpdValid_Cnt_T_lgc	1
VehicleSpeed_Kph_T_f32	206
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	200
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	86.0299988
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	4.30000019
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	41
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	21335
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	53970
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2430672128
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2836768512
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000788000005
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-880.02002
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000167299993
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1662097408

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Name	Input Value		
tgt_GetSystemTime_mS_u32_CurrentTime	4164171008		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	✓
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4164171008	4164171008	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2836768512	2836768512	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-880.02002	-880.02002	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-880.02002	-880.02002	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	✓

Test Step Call Trace				V	
Actual Function	Count	Expected Function	Count	Resu	lt
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1		<b>✓</b>

Test Step 2.8 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTi	ime	
FiltPinTrq_HwNm_T_f32	4.23000002		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
MotorVelCRF_MtrRadpS_T_f32	-1350		
RelHwPos_HwDeg_T_f32	-1454.77002		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	196		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	34.2099991		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	64		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	9		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	56		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	49475		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	12258		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3941357312		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3345084416		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1454.77002		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00079000002		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1454.77002		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000207999998		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1117112832		
tgt_GetSystemTime_mS_u32_CurrentTime	1316564736		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1316564736	1316564736	•
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3345084416	3345084416	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1454.77002	-1454.77002	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1454.77002	-1454.77002	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	•
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
GetSystemTime mS u32	1	GetSystemTime mS u32	1	~

Test Step 2.9 (Repeat Count = 1)	
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	16.5499992
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	1350

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Name	Input Value		
RelHwPos HwDeg T f32	267.709991		
VehSpdValid Cnt T lgc	0		
VehicleSpeed Kph T f32	206.240005		
tgt AutoCntr Cnt T str.MtrVel MtrRadpS f32	2		
tgt AutoCntr Cnt T str.VehSpd kph f32	52.2099991		
tgt AutoCntr Cnt T str.FiltPinTrg HwNm f32	7		
tgt AutoCntr Cnt T str.CntrWindow HwDeg f32	54.2299995		
tgt AutoCntr Cnt T str.Timer1Thresh mS u16	43128		
tgt AutoCntr Cnt T str.Timer2Thresh mS u16	29076		
tgt AutoCntr Cnt T str.Timer1 mS u32	3304439296		
tgt AutoCntr Cnt T str.Timer2 mS u32	2704864000		
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.SV Uls f32	267.709991		
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000791999977		
tgt AutoCntr Cnt T str.RelHwPosFilt2SV HwDeg str.SV Uls f32	267.709991		
tgt AutoCntr Cnt T str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000248700002		
tgt AutoCntr Cnt T str.Filter1Enable Cnt lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1736795392		
tgt_GetSystemTime_mS_u32_CurrentTime	2075080192		
Name	Actual Value	Expected Value	Resul
Autocenter_f32()	0	0 ± 0.1	•
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2075080192	2075080192	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2704864000	2704864000	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	267.709991	267.709991	•
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	•
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	•
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	•
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	•

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.10 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_Elapsed	dTime	
FiltPinTrq_HwNm_T_f32	5.86999989		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTim	ne	
MotorVelCRF_MtrRadpS_T_f32	0		
RelHwPos_HwDeg_T_f32	-293.049988		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	216		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	120		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5.0999999		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	85		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53759		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2167769344		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4129141760		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000793999992		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000289399992		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3437401088		
tgt_GetSystemTime_mS_u32_CurrentTime	954802432		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	✓
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	954802432	954802432	~
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4129141760	4129141760	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-293.049988	-293.049988	<b>✓</b>

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Name	Actual Value	Expected Value	Result
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.11 (Repeat Count = 1)			✓
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_E	lapsedTime	
FiltPinTrq_HwNm_T_f32	9.45499992		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Curr	entTime	
MotorVelCRF_MtrRadpS_T_f32	1100.25		
RelHwPos_HwDeg_T_f32	-627.179993		
VehSpdValid_Cnt_T_lgc	0		
VehicleSpeed_Kph_T_f32	226		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	350.230011		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	18.1100006		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	3		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	96		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	13352		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	40437		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3714197504		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	662694400		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-627.179993		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000796000008		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-627.179993		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000330100011		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3494315776		
tgt_GetSystemTime_mS_u32_CurrentTime	2728878080		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2728878080	2728878080	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	662694400	662694400	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-627.179993	-627.179993	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-627.179993	-627.179993	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	✓

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.12 (Repeat Count = 1)		✓
Name	Input Value	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	7.87699986	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	-1200.25	
RelHwPos_HwDeg_T_f32	-277.480011	
VehSpdValid_Cnt_T_lgc	1	
VehicleSpeed_Kph_T_f32	236.300003	
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	400	
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	88	
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	1	
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	32	

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	21364		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	2291		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3323480832		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2303132928		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-177.479996		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000798000023		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-177.479996		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.0003708		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	463842816		
tgt_GetSystemTime_mS_u32_CurrentTime	824746752		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-100.000015	-100 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	824746752	824746752	~
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2303132928	2303132928	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-177.479996	-177.479996	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-177.479996	-177.479996	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	

Test Step 2.13 (Repeat Count = 1) Name	Input Value				
AutoCntr Cnt T str	tgt AutoCntr Cnt T str				
DtrmnElapsedTime mS u32(ElapsedTime)	tgt_DtrmnElapsedTime mS u32 ElapsedTime				
FiltPinTrg HwNm T f32	5.76599979				
GetSystemTime mS u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime				
MotorVelCRF MtrRadpS T f32	-900				
RelHwPos HwDeg T f32	731.700012				
VehSpdValid Cnt T lgc	0				
VehicleSpeed Kph T f32	0				
tgt AutoCntr Cnt T str.MtrVel MtrRadpS f32	600				
tgt AutoCntr Cnt T str.VehSpd kph f32	76.3199997				
tgt AutoCntr Cnt T str.FiltPinTrg HwNm f32	2.20000005				
tgt AutoCntr Cnt T str.CntrWindow HwDeg f32	52.1399994				
tgt AutoCntr Cnt T str.Timer1Thresh mS u16	33198				
tgt AutoCntr Cnt T str.Timer2Thresh mS u16	38868				
tgt AutoCntr Cnt T str.Timer1 mS u32	71426560				
tgt AutoCntr Cnt T str.Timer2 mS u32	4129141760				
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.SV Uls f32	731.700012				
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.0007999998				
tgt AutoCntr Cnt T str.RelHwPosFilt2SV HwDeg str.SV Uls f32	731.700012				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00041149999				
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0				
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0				
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1759885568				
tgt_GetSystemTime_mS_u32_CurrentTime	309385728				
Name	Actual Value	Expected Value	Resul		
Autocenter f32()	0	0 ± 0.1			
tgt AutoCntr Cnt T str.Timer1 mS u32	309385728	309385728			
tgt AutoCntr Cnt T str.Timer2 mS u32	4129141760	4129141760			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012	•		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	731.700012	731.700012			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_Igc	0	0			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0			



Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	

Test Step 2.14 (Repeat Count = 1) Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	. E E.	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32	Elapsed lime	
FiltPinTrq_HwNm_T_f32	3	_	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_C	urrentTime	
MotorVelCRF_MtrRadpS_T_f32	800		
RelHwPos_HwDeg_T_f32	-968.400024		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	512		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	200.139999		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	86		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	4		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	41		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	21335		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	53970		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2430672128		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2836768512		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-968.400024		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000801999995		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-968.400024		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000452200009		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1662097408		
tgt_GetSystemTime_mS_u32_CurrentTime	4164171008		
Name	Actual Value	Expected Value	Resu
Autocenter f32()	0	0 ± 0.1	
tgt AutoCntr Cnt T str.Timer1 mS u32	4164171008	4164171008	
tgt AutoCntr Cnt T str.Timer2 mS u32	2836768512	2836768512	
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-968.400024	-968.400024	
tgt AutoCntr Cnt T str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-968.400024	-968.400024	
tgt AutoCntr Cnt T str.Filter1Enable Cnt Igc	0	0	
tgt AutoCntr Cnt T str.Filter2Enable Cnt Igc	0	0	
tgt AutoCntr Cnt T str.Filter1Initialized Cnt Igc	1	1	
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	1	1	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
GetSystemTime mS u32	1	GetSystemTime mS u32	1	~

Test Step 2.15 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	1.11000001
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	-418.01001
RelHwPos_HwDeg_T_f32	49.4199982
VehSpdValid_Cnt_T_lgc	0
VehicleSpeed_Kph_T_f32	124.260002
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	457
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	96
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	6
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	63
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53970
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	12258
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2242866176
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2478427648
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	49.4199982
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00080400001

tgt\_AutoCntr\_Cnt\_T\_str.Filter1Initialized\_Cnt\_lgc

 $tgt\_AutoCntr\_Cnt\_T\_str.Filter2Initialized\_Cnt\_lgc$ 

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Input Value tgt\_AutoCntr\_Cnt\_T\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32 49.4199982  $tgt\_AutoCntr\_Cnt\_T\_str.RelHwPosFilt2SV\_HwDeg\_str.K\_Uls\_f32$ 0.000492900028 tgt\_AutoCntr\_Cnt\_T\_str.Filter1Enable\_Cnt\_lgc tgt\_AutoCntr\_Cnt\_T\_str.Filter2Enable\_Cnt\_lgc tgt\_AutoCntr\_Cnt\_T\_str.Filter1Initialized\_Cnt\_lgc 0 tgt\_AutoCntr\_Cnt\_T\_str.Filter2Initialized\_Cnt\_lgc 0 tgt\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime 2127166208 437658624  $tgt\_GetSystemTime\_mS\_u32\_CurrentTime$ **Expected Value** Name Actual Value Result Autocenter\_f32() 0 ± 0.1 437658624 437658624  $tgt\_AutoCntr\_Cnt\_T\_str.Timer1\_mS\_u32$ tgt\_AutoCntr\_Cnt\_T\_str.Timer2\_mS\_u32 2478427648 2478427648  $tgt\_AutoCntr\_Cnt\_T\_str.RelHwPosFilt1SV\_HwDeg\_str.SV\_Uls\_f32$ 49.4199982 49.4199982 tgt\_AutoCntr\_Cnt\_T\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32 49.4199982 49.4199982  $tgt\_AutoCntr\_Cnt\_T\_str.Filter1Enable\_Cnt\_lgc$ 0 0 tgt\_AutoCntr\_Cnt\_T\_str.Filter2Enable\_Cnt\_lgc

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•

0

0

0

0

Test Step 2.16 (Repeat Count = 1)			
Name	Input Value		
AutoCntr_Cnt_T_str	tgt AutoCntr Cnt T str		
DtrmnElapsedTime mS u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32	2 ElapsedTime	
FiltPinTrg HwNm T f32	2.98000002	- '	
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 C	currentTime	
MotorVelCRF MtrRadpS T f32	-425		
RelHwPos HwDeg T f32	-559.150024		
VehSpdValid Cnt T Igc	0		
VehicleSpeed Kph T f32	156		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	498.230011		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	106.139999		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	14.3000002		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	88		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	12258		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	12258		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2269150976		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4180236544		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-559.150024		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000806000025		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-559.150024		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000533599989		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	4243378688		
tgt_GetSystemTime_mS_u32_CurrentTime	3941357312		
Name	Actual Value	Expected Value	Resul
Autocenter_f32()	0	0 ± 0.1	•
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3941357312	3941357312	•
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4180236544	4180236544	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-559.150024	-559.150024	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-559.150024	-559.150024	•
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	•
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	•
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	•
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	•

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•



Test Step 2.17 (Repeat Count = 1)			<b>⊿</b>
Name	Input Value		Ť
AutoCntr Cnt T str	tgt AutoCntr Cnt T str		
DtrmnElapsedTime mS u32(ElapsedTime)	tqt DtrmnElapsedTime mS u32 ElapsedTi	me	
FiltPinTrg HwNm T f32	4.2329998	me .	
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 CurrentTime		
MotorVelCRF MtrRadpS T f32	752		
RelHwPos HwDeg T f32	933.469971		
VehSpdValid Cnt T lgc	1		
VehicleSpeed Kph T f32	166.977005		
tgt AutoCntr Cnt T str.MtrVel MtrRadpS f32	539		
tgt AutoCntr Cnt T str.VehSpd kph f32	116		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	18		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	75.1200027		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	29076		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	29076		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3533260288		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3494315776		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	933.469971		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000807999982		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	933.469971		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000574300007		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1050692864		
tgt_GetSystemTime_mS_u32_CurrentTime	3304439296		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3304439296	3304439296	~
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3494315776	3494315776	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	933.469971	933.469971	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	933.469971	933.469971	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	•
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.18 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	6.98699999
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	-158
RelHwPos_HwDeg_T_f32	-3200
VehSpdValid_Cnt_T_lgc	1
VehicleSpeed_Kph_T_f32	184
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	580.109985
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	126
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	16
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	97
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	32821
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	812314880
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	463842816
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1144.59998
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00080999998
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1144.59998
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000615000026
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3039943680

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Name	Input Value		
tgt_GetSystemTime_mS_u32_CurrentTime	2167769344		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-2054.13599	-2054.13599 ± 0.1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	812314880	812314880	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2167769344	2167769344	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200	-3200	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1145.86401	-1145.86401	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~

Test Step 2.19 (Repeat Count = 1)			✓
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_Elapse	edTime	
FiltPinTrq_HwNm_T_f32	14.6626997		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentT	ime	
MotorVelCRF_MtrRadpS_T_f32	536.200012		
RelHwPos_HwDeg_T_f32	3200		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	164		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	621		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	136.139999		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	18.1000004		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	86		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	40437		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	40437		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3345084416		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1759885568		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	91.0800018		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000812000013		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	91.0800018		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000655699987		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1316564736		
tgt_GetSystemTime_mS_u32_CurrentTime	3714197504		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3345084416	3345084416	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3714197504	3714197504	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3200	3200	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	3200	3200	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>	
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~	

Test Step 2.20 (Repeat Count = 1)	✓
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str

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Name	Input Value		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32 Elaps	sedTime	
FiltPinTrg HwNm T f32	7.0999999		
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 Current	Гime	
MotorVelCRF MtrRadpS T f32	159		
RelHwPos HwDeg T f32	0		
VehSpdValid Cnt T lgc	1		
VehicleSpeed Kph T f32	152.300003		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	662		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	146		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	8		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	42.0200005		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	2291		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	2291		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2704864000		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1662097408		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2576.71997		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000814000028		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2576.71997		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000696400006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2075080192		
tgt_GetSystemTime_mS_u32_CurrentTime	3323480832		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-2574.92554	-2574.92554 ± 0.1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2704864000	2704864000	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3323480832	3323480832	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0	0	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2574.92554	2574.92554	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	_



Test Step 2.21 (Repeat Count = 1)			•
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u3	2_ElapsedTime	
FiltPinTrq_HwNm_T_f32	2.0999999		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_0	CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	110		
RelHwPos_HwDeg_T_f32	448.5		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	198		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	124.139999		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	156.110001		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	4		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	96		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	38868		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	38868		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4129141760		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2127166208		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1347.40002		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000815999985		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1347.40002		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000737100025		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	954802432		
tgt_GetSystemTime_mS_u32_CurrentTime	71426560		
Name	Actual Value	Expected Value	Resul
Autocenter_f32()	0	0 ± 0.1	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4129141760	4129141760	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	71426560	71426560	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	448.5	448.5	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	448.5	448.5	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_Igc	1	1	
tgt AutoCntr Cnt T str.Filter2Enable Cnt lgc	1	1	
tgt AutoCntr Cnt T str.Filter1Initialized Cnt Igc	1	1	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~

Test Step 2.22 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	9.69999981
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	-125.199997
RelHwPos_HwDeg_T_f32	-157.490005
VehSpdValid_Cnt_T_lgc	1
VehicleSpeed_Kph_T_f32	188
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	138
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	166
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	16.0200005
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	32
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53970
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	53970
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	662694400
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4243378688
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	355.5
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000818
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.5
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000777799985
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2728878080		
tgt_GetSystemTime_mS_u32_CurrentTime	2430672128		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-512.591003	-512.591003 ± 0.1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	662694400	662694400	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2430672128	2430672128	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-157.490005	-157.490005	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	355.100983	355.100983	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	✓

Test Step Call Trace   ✓					
Actual Function	Count	Expected Function	Count	Result	
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~	

Test Step 2.23 (Repeat Count = 1)			
Name	Input Value		
AutoCntr Cnt T str	tgt AutoCntr Cnt T str		
DtrmnElapsedTime mS u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32 El	apsedTime	
FiltPinTrq_HwNm_T_f32	8	•	
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 Curre	entTime	
MotorVelCRF MtrRadpS T f32	154		
RelHwPos HwDeg T f32	-1144.59998		
VehSpdValid Cnt T Igc	1		
VehicleSpeed Kph T f32	88.1200027		
tgt AutoCntr Cnt T str.MtrVel MtrRadpS f32	0		
tgt AutoCntr Cnt T str.VehSpd kph f32	176.320007		
tgt AutoCntr Cnt T str.FiltPinTrq HwNm f32	14		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	52.2999992		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	12258		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	12258		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2303132928		
tgt AutoCntr Cnt T str.Timer2 mS u32	1050692864		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	49.4199982		
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000820000016		
tgt AutoCntr Cnt T str.RelHwPosFilt2SV HwDeg str.SV Uls f32	49.4199982		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000818500004		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	824746752		
tgt_GetSystemTime_mS_u32_CurrentTime	2242866176		
Name	Actual Value	Expected Value	Resu
Autocenter_f32()	-1194.02002	-1194.02002 ± 0.1	•
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2242866176	2242866176	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1050692864	1050692864	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	49.4199982	49.4199982	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	49.4199982	49.4199982	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.24 (Repeat Count = 1)	<b>√</b>
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str

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Name	Input Value			
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_	ElapsedTime		
FiltPinTrq_HwNm_T_f32	4	4		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Cu	rrentTime		
MotorVelCRF_MtrRadpS_T_f32	-759			
RelHwPos_HwDeg_T_f32	91.0800018			
VehSpdValid_Cnt_T_lgc	0			
VehicleSpeed_Kph_T_f32	76			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	700			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	186			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	12			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	41			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	20423			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	20423			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4129141760			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3039943680			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-559.150024			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000821999973			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-559.150024			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000859200023			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	309385728			
tgt_GetSystemTime_mS_u32_CurrentTime	2269150976			
Name	Actual Value	Expected Value	Result	
Autocenter_f32()	650.230042	650.22998 ± 0.1	~	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2269150976	2269150976	<b>✓</b>	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3039943680	3039943680	•	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-559.150024	-559.150024	<b>✓</b>	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-559.150024	-559.150024	<b>✓</b>	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	-	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	~	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.25 (Repeat Count = 1)			<b>~</b>
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32	_ElapsedTime	
FiltPinTrq_HwNm_T_f32	16		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_C	urrentTime	
MotorVelCRF_MtrRadpS_T_f32	-1253.22998		
RelHwPos_HwDeg_T_f32	1576.71997		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	86.5500031		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	350.299988		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	196.020004		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	10		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	63		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	7034		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	7034		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2836768512		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1316564736		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	933.469971		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000823999988		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	933.469971		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000899899984		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	4164171008		
tgt_GetSystemTime_mS_u32_CurrentTime	3533260288		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	643.25	643.25 ± 0.1	~

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Name	Actual Value	Expected Value	Result
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3533260288	3533260288	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1316564736	1316564736	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	933.469971	933.469971	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	933.469971	933.469971	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	✓

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.26 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_Elapsed	Time	
FiltPinTrq_HwNm_T_f32	14.1199999		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	e	
MotorVelCRF_MtrRadpS_T_f32	835		
RelHwPos_HwDeg_T_f32	1347.40002		
VehSpdValid_Cnt_T_lgc	0		
VehicleSpeed_Kph_T_f32	96		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	88		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	0		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	2.29999995		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	88		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	29076		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	29076		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2478427648		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2075080192		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1144.59998		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000826000003		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1144.59998		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000940600003		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	437658624		
tgt_GetSystemTime_mS_u32_CurrentTime	812314880		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	2492	2492 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	812314880	812314880	•
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2075080192	2075080192	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1144.59998	-1144.59998	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1144.59998	-1144.59998	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	<b>~</b>
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	~

Test Step Call Trace				•	P
Actual Function	Count	Expected Function	Count	Result	t
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•	P

Test Step 2.27 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	12	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	456	
RelHwPos_HwDeg_T_f32	355.5	
VehSpdValid_Cnt_T_lgc	1	
VehicleSpeed_Kph_T_f32	106	





Name	Input Value		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	94		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	255		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	10		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	75.1999969		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	32821		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4180236544		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	191.080002		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000828000018		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	91.0800018		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000981300022		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3941357312		
tgt_GetSystemTime_mS_u32_CurrentTime	3437401088		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	264.419983	264.420013 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3437401088	3437401088	~
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432	954802432	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	191.080002	191.080002	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	91.0800018	91.0800018	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	<b>~</b>
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	<b>~</b>
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	•

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.28 (Repeat Count = 1)			· ·
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32	P_ElapsedTime	
FiltPinTrq_HwNm_T_f32	10		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_C	urrentTime	
MotorVelCRF_MtrRadpS_T_f32	753		
RelHwPos_HwDeg_T_f32	-174.199997		
VehSpdValid_Cnt_T_lgc	0		
VehicleSpeed_Kph_T_f32	116		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	126		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	124.260002		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	12		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	97		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	40437		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	40437		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3494315776		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2728878080		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-174.199997		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000829999975		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-174.199997		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00102199998		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3304439296		
tgt_GetSystemTime_mS_u32_CurrentTime	3494315776		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	•
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3494315776	3494315776	•
tgt AutoCntr Cnt T str.Timer2 mS u32	2728878080	2728878080	•
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-174.199997	-174.199997	•
tgt AutoCntr Cnt T str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-174.199997	-174.199997	•
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_Igc	0	0	•
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_Igc	0	0	•
tgt AutoCntr Cnt T str.Filter1Initialized Cnt Igc	1	1	•

Autocenter\_f32



Name	Actual Value	Expected Value	Result	
tot AutoCntr Cnt T str Filter2Initialized Cnt Igc	1	1	<b>✓</b>	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Name	Input Value			
AutoCntr_Cnt_T_str	tgt AutoCntr Cnt T str			
DtrmnElapsedTime mS u32(ElapsedTime)		tgt DtrmnElapsedTime mS u32 ElapsedTime		
FiltPinTrq HwNm T f32	2			
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 CurrentTime			
MotorVelCRF MtrRadpS T f32	119	ourient inne		
RelHwPos_HwDeg_T_f32	-475,299988			
VehSpdValid Cnt T lgc	1			
VehicleSpeed Kph T f32	146.100006			
tgt AutoCntr Cnt T str.MtrVel MtrRadpS f32	124.25			
tgt AutoCntr Cnt T str.VehSpd kph f32	136.110001			
tgt AutoCntr Cnt T str.FiltPinTrg HwNm f32	0			
tgt AutoCntr Cnt T str.CntrWindow HwDeg f32	86			
tgt AutoCntr Cnt T str.Timer1Thresh mS u16	2291			
tgt AutoCntr Cnt T str.Timer2Thresh mS u16	2291			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	463842816			
tgt AutoCntr Cnt T str.Timer2 mS u32	4164171008			
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-475.299988			
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000831999991			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-475.299988			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00106269994			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2167769344			
tgt_GetSystemTime_mS_u32_CurrentTime	463842816			
Name	Actual Value	Expected Value	Resul	
Autocenter_f32()	0	0 ± 0.1	•	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	463842816	463842816		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4164171008	4164171008	•	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-475.299988	-475.299988	•	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-475.299988	-475.299988	•	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	•	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	•	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0		
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	0	0	•	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.30 (Repeat Count = 1)	
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	4
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	12
RelHwPos_HwDeg_T_f32	-257.48999
VehSpdValid_Cnt_T_lgc	1
VehicleSpeed_Kph_T_f32	136.25
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	63.1100006
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	14.0200005
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	20
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	42.0099983
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	38868
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	38868
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1759885568



Name	Input Value		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3941357312		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-157.490005		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000834000006		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-157.490005		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00110340002		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3714197504		
tgt_GetSystemTime_mS_u32_CurrentTime	1759885568		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-99.9999847	-100 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1759885568	1759885568	~
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1759885568	1759885568	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-157.57341	-157.573395	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-157.490005	-157.490005	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	•
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	•
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	•

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	2	GetSystemTime_mS_u32	2	<b>✓</b>

Name	Input Value		
AutoCntr Cnt T str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime mS u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime		
FiltPinTrg HwNm T f32	6		
GetSystemTime mS u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
MotorVelCRF_MtrRadpS_T_f32	14		
RelHwPos HwDeg T f32	-354.700012		
VehSpdValid Cnt T Igc	1		
VehicleSpeed_Kph_T_f32	157		
tgt AutoCntr Cnt T str.MtrVel MtrRadpS f32	45		
tgt AutoCntr Cnt T str.VehSpd kph f32	156		
tgt AutoCntr Cnt T str.FiltPinTrq HwNm f32	15.25		
tgt AutoCntr Cnt T str.CntrWindow HwDeg f32	75		
tgt AutoCntr Cnt T str.Timer1Thresh mS u16	53970		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	53970		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1662097408		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3304439296		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-354.700012		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000836000021		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-354.700012		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00114409998		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_Igc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3323480832		
tgt_GetSystemTime_mS_u32_CurrentTime	1662097408		
Name	Actual Value	Expected Value	Resu
Autocenter_f32()	0	0 ± 0.1	
tgt AutoCntr Cnt T str.Timer1 mS u32	1662097408	1662097408	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3304439296	3304439296	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-354.700012	-354.700012	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-354.700012	-354.700012	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	0	0	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	2	DtrmnElapsedTime_mS_u32	2	~



Test Step 2.32 (Repeat Count = 1)			✓
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_Elapsed	dTime	
FiltPinTrq_HwNm_T_f32	5		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTim	ne	
MotorVelCRF_MtrRadpS_T_f32	652		
RelHwPos_HwDeg_T_f32	-627.179993		
VehSpdValid_Cnt_T_lgc	0		
VehicleSpeed_Kph_T_f32	56		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	350.230011		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	18.1100006		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	3		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	97		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	32821		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	0		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	463842816		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1144.59998		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00080999998		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1144.59998		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000615000026		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3039943680		
tgt_GetSystemTime_mS_u32_CurrentTime	2167769344		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	517.419983	517.419983 ± 0.1	•
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2167769344	2167769344	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	463842816	463842816	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1144.59998	-1144.59998	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1144.59998	-1144.59998	•
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	•
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	

Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.33 (Repeat Count = 1)	✓
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	6
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	45
RelHwPos_HwDeg_T_f32	-177.479996
VehSpdValid_Cnt_T_lgc	1
VehicleSpeed_Kph_T_f32	112
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	400
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	88
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	1
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	86
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	40437
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	40437
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4294967295
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1759885568
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	91.0800018
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000812000013
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	91.0800018
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000655699987
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1316564736		
tgt_GetSystemTime_mS_u32_CurrentTime	3714197504		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-268.559998	-268.559998 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3714197504	3714197504	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1759885568	1759885568	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	91.0800018	91.0800018	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	91.0800018	91.0800018	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32	2_ElapsedTime	
FiltPinTrg HwNm T f32	7		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_C	CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	65		
RelHwPos_HwDeg_T_f32	731.700012		
VehSpdValid_Cnt_T_lgc	0		
VehicleSpeed_Kph_T_f32	7		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	600		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	76.3199997		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	2.20000005		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	42.0200005		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	2291		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	2291		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	543323		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1662097408		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2576.71997		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000814000028		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2576.71997		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000696400006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2075080192		
tgt_GetSystemTime_mS_u32_CurrentTime	3323480832		
Name	Actual Value	Expected Value	Resul
Autocenter f32()	-1845.02002	-1845.02002 ± 0.1	
tgt AutoCntr Cnt T str.Timer1 mS u32	3323480832	3323480832	
tgt AutoCntr Cnt T str.Timer2 mS u32	1662097408	1662097408	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2576.71997	2576.71997	
tgt AutoCntr Cnt T str.RelHwPosFilt2SV HwDeg str.SV Uls f32	2576.71997	2576.71997	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_Igc	0	0	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	
tgt AutoCntr Cnt T str.Filter1Initialized Cnt Igc	0	0	
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	1	1	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.35 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime

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Name	Input Value		
FiltPinTrg HwNm T f32	6.65999985		
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 CurrentTime		
MotorVelCRF MtrRadpS T f32	159		
RelHwPos HwDeg T f32	1123.40002		
VehSpdValid Cnt T Igc	1		
VehicleSpeed Kph T f32	246.119995		
tgt AutoCntr Cnt T str.MtrVel MtrRadpS f32	2		
tgt AutoCntr Cnt T str.VehSpd kph f32	84.2099991		
tgt AutoCntr Cnt T str.FiltPinTrg HwNm f32	6		
tgt AutoCntr Cnt T str.CntrWindow HwDeg f32	56		
tgt AutoCntr Cnt T str.Timer1Thresh mS u16	21335		
tgt AutoCntr Cnt T str.Timer2Thresh mS u16	12258		
tgt AutoCntr Cnt T str.Timer1 mS u32	3941357312		
tgt AutoCntr Cnt T str.Timer2 mS u32	2942063360		
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1123.40002		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000855999999		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000525999989		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	662694400		
tgt_GetSystemTime_mS_u32_CurrentTime	824746752		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	824746752	824746752	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2942063360	2942063360	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1123.40002	1123.40002	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Name	Input Value	
	•	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	14	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	1100	
RelHwPos_HwDeg_T_f32	-378.170013	
VehSpdValid_Cnt_T_lgc	0	
VehicleSpeed_Kph_T_f32	84	
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	120.120003	
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	64	
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	14.0100002	
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	54	
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	12258	
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	26195	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3304439296	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1117112832	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-378.170013	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000858000014	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-378.170013	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000528000004	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2303132928	
tgt_GetSystemTime_mS_u32_CurrentTime	309385728	
Name	Actual Value Expected Value	Result
Autocenter_f32()	0 0 ± 0.1	
tgt AutoCntr Cnt T str.Timer1 mS u32	309385728 309385728	<b>✓</b>

Autocenter\_f32



Name	Actual Value	Expected Value	Result
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1117112832	1117112832	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-378.170013	-378.170013	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-378.170013	-378.170013	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.37 (Repeat Count = 1) Name	Input Value			
AutoCntr Cnt T str	tgt AutoCntr Cnt T str			
DtrmnElapsedTime mS u32(ElapsedTime)	tgt_DtrmnElapsedTime mS u32 ElapsedTime			
FiltPinTrg HwNm T f32	7.400001			
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 Curr	entTime		
MotorVelCRF MtrRadpS T f32	88	CHETHING		
RelHwPos HwDeg T f32	969.01001			
VehSpdValid Cnt T lgc	1			
VehicleSpeed Kph T f32	187.199997			
tgt AutoCntr Cnt T str.MtrVel MtrRadpS f32	566.109985			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	166			
tgt AutoCntr Cnt T str.FiltPinTrq HwNm f32	8			
tgt AutoCntr Cnt T str.CntrWindow HwDeg f32	97			
tgt AutoCntr Cnt T str.Timer1Thresh mS u16	0			
tgt AutoCntr Cnt T str.Timer2Thresh mS u16	13352			
tgt AutoCntr Cnt T str.Timer1 mS u32	2127166208			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2167769344			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	969.01001			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000837999978			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	969.01001			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000508000026			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	71426560			
tgt_GetSystemTime_mS_u32_CurrentTime	2127166208			
Name	Actual Value	Expected Value	Result	
Autocenter_f32()	0	0 ± 0.1	•	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2127166208	2127166208	•	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2127166208	2127166208	•	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	969.01001	969.01001	•	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	969.01001	969.01001	•	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	•	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	•	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	•	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	•	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~

Test Step 2.38 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	9.80000019	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	61.2000008	
RelHwPos_HwDeg_T_f32	-1397.33997	
VehSpdValid_Cnt_T_lgc	1	

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Name	Input Value		
VehicleSpeed_Kph_T_f32	187.300003		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	63		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	176		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	10		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	86		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	60000		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	21364		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4243378688		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3714197504		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1397.33997		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00083999993		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1397.33997		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000509999983		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1000		
tgt_GetSystemTime_mS_u32_CurrentTime	4243378688		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4243378688	4243378688	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3714197504	3714197504	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1397.33997	-1397.33997	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1397.33997	-1397.33997	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	<b>~</b>

Test Step Call Trace			<b>✓</b>	
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~

Name	Input Value			
AutoCntr Cnt T str	tgt AutoCntr Cnt T str	tat AutoCntr Cnt T str		
DtrmnElapsedTime mS u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32 ElapsedTime			
FiltPinTrg HwNm T f32	11.3199997			
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 Cu	rrentTime		
MotorVelCRF_MtrRadpS_T_f32	-9.80000019			
RelHwPos_HwDeg_T_f32	-913.679993			
VehSpdValid_Cnt_T_lgc	1			
VehicleSpeed_Kph_T_f32	198.100006			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	10.25			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	186.25			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	12			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	42			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	18774			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	33198			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1050692864			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2894938880	2894938880		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-913.679993			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000842000009			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-913.679993			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000511999999			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2242866176			
tgt_GetSystemTime_mS_u32_CurrentTime	1050692864			
Name	Actual Value	Expected Value	Result	
Autocenter_f32()	0	0 ± 0.1	•	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1050692864	1050692864	•	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1050692864	1050692864	•	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-913.679993	-913.679993	•	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-913.679993	-913.679993	•	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	•	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>	





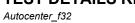
Name	Actual Value	Expected Value	Result
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	<b>~</b>

Name	Input Value			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime mS u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32 ElapsedTime			
FiltPinTrq_HwNm_T_f32	18			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_0	CurrentTime		
MotorVelCRF_MtrRadpS_T_f32	-123.5			
RelHwPos_HwDeg_T_f32	-1415.88			
VehSpdValid_Cnt_T_lgc	1			
VehicleSpeed_Kph_T_f32	64			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	350			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	52			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	19.7999992			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	85.0299988			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	29076			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	43128			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2167769344			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1736795392			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1415.88			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000859999971			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1415.88			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000530000019			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	4129141760			
tgt_GetSystemTime_mS_u32_CurrentTime	4164171008			
Name	Actual Value	Expected Value	Resul	
Autocenter_f32()	0	0 ± 0.1	•	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2167769344	2167769344	•	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4164171008	4164171008	•	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1415.88	-1415.88	•	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1415.88	-1415.88	•	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1.		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	•	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1		

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~

Test Step 2.41 (Repeat Count = 1)		✓
Name	Input Value	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	18	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	154	
RelHwPos_HwDeg_T_f32	-1081.09998	
VehSpdValid_Cnt_T_lgc	1	
VehicleSpeed_Kph_T_f32	52	
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	400.25	
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34	





Name	Input Value		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	19.2000008		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	96		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	32821		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	49475		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3714197504		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3437401088		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1081.09998		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000861999986		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1081.09998		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000531999976		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2836768512		
tgt_GetSystemTime_mS_u32_CurrentTime	437658624		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3714197504	3714197504	~
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	437658624	437658624	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1081.09998	-1081.09998	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1081.09998	-1081.09998	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	•

Test Step 2.42 (Repeat Count = 1)				
Name	Input Value			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str			
DtrmnElapsedTime_mS_u32(ElapsedTime)		tgt_DtrmnElapsedTime_mS_u32_ElapsedTime		
FiltPinTrq_HwNm_T_f32	10			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentT	ime		
MotorVelCRF_MtrRadpS_T_f32	-12.0299997			
RelHwPos_HwDeg_T_f32	-1503.19995			
VehSpdValid_Cnt_T_lgc	1			
VehicleSpeed_Kph_T_f32	52.25			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	44			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	10.5			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	86			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	33198			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	38868			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	463842816			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	824746752			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00088800001			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1503.19995			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000558			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2059598336			
tgt_GetSystemTime_mS_u32_CurrentTime	402713344			
Name	Actual Value	Expected Value	Resul	
Autocenter f32()	0	0 ± 0.1		
tgt AutoCntr Cnt T str.Timer1 mS u32	463842816	463842816	•	
tgt AutoCntr Cnt T str.Timer2 mS u32	402713344	402713344		
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-3198.49316	-3198.49316		
tgt AutoCntr Cnt T str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1503.19995	-1503.19995		
tgt AutoCntr Cnt T str.Filter1Enable Cnt Igc	1	1		
tgt AutoCntr Cnt T str.Filter2Enable Cnt Igc	0	0		
tgt AutoCntr Cnt T str.Filter1Initialized Cnt Igc	1	1		



Autocenter f	32
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Name	Actual Value	Expected Value	Result
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.43 (Repeat Count = 1)			✓	
Name	Input Value			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str			
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime			
FiltPinTrq_HwNm_T_f32	12.9799995			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTi	me		
MotorVelCRF_MtrRadpS_T_f32	15			
RelHwPos_HwDeg_T_f32	240.300003			
VehSpdValid_Cnt_T_lgc	1			
VehicleSpeed_Kph_T_f32	34			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	96.2099991			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	18			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	15.0200005			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	96			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	21335			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	53970			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1759885568			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	309385728			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3200			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000890000025			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	240.300003			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000560000015			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	800969984			
tgt_GetSystemTime_mS_u32_CurrentTime	4178051584			
Name	Actual Value	Expected Value	Result	
Autocenter_f32()	0	0 ± 0.1	<b>✓</b>	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1759885568	1759885568	<b>✓</b>	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4178051584	4178051584	<b>✓</b>	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3197.36597	3197.36597	<b>✓</b>	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	240.300003	240.300003	<b>✓</b>	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	~	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	~	

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~	
GetSystemTime mS u32	1	GetSystemTime mS u32	1	<b>✓</b>	

Name	Input Value	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	14	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	-75	
RelHwPos_HwDeg_T_f32	-692.390015	
VehSpdValid_Cnt_T_lgc	1	
VehicleSpeed_Kph_T_f32	98	
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	100	
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	88	
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	14.8000002	
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	45	
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	29076	

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	12258		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1662097408		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4164171008		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000891999982		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-692.390015		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000561999972		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	569984000		
tgt_GetSystemTime_mS_u32_CurrentTime	4077829376		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1662097408	1662097408	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4077829376	4077829376	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-0.617611885	-0.617611885	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-692.390015	-692.390015	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•

Test Step 2.45 (Repeat Count = 1) Name	Input Value				
AutoCntr Cnt T str	tgt AutoCntr Cnt T str				
DtrmnElapsedTime mS u32(ElapsedTime)		tgt DtrmnElapsedTime mS u32 ElapsedTime			
FiltPinTrg HwNm T f32	16				
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 Cu	urrantTima			
MotorVelCRF MtrRadpS T f32	-12.0200005	unent inne			
RelHwPos HwDeg T f32	-1385.40002				
VehSpdValid Cnt T lgc	1				
VehicleSpeed Kph T f32	88				
tgt AutoCntr Cnt T str.MtrVel MtrRadpS f32	124.120003				
tgt AutoCntr Cnt T str.VehSpd kph f32	76				
tgt AutoCntr Cnt T str.FiltPinTrq HwNm f32	16.3999996				
tgt AutoCntr Cnt T str.CntrWindow HwDeg f32	78				
tgt AutoCntr Cnt T str.Timer1Thresh mS u16	32821				
tgt AutoCntr Cnt T str.Timer2Thresh mS u16	20423				
tgt AutoCntr Cnt T str.Timer1 mS u32	2127166208				
tgt AutoCntr Cnt T str.Timer2 mS u32	2894938880				
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.SV Uls f32	448.5				
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000893999997				
tgt AutoCntr Cnt T str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1385.40002				
tgt AutoCntr Cnt T str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000563999987				
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_Igc	1				
tgt AutoCntr Cnt T str.Filter2Enable Cnt Igc	1				
tgt AutoCntr Cnt T str.Filter1Initialized Cnt Igc	0				
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1				
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3351443200				
tgt_GetSystemTime_mS_u32_CurrentTime	2644937728				
Name	Actual Value	Expected Value	Resul		
Autocenter_f32()	0	0 ± 0.1			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2127166208	2127166208			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2644937728	2644937728	•		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	446.860504	446.860504			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1385.40002	-1385.40002			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	•		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0			
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	1	1			



Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>	

Test Step 2.46 (Repeat Count = 1)			•
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32	_ElapsedTime	
FiltPinTrq_HwNm_T_f32	3		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_C	urrentTime	
MotorVelCRF_MtrRadpS_T_f32	-8		
RelHwPos_HwDeg_T_f32	-1036.69995		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	87		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	78		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	86		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	3.70000005		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	96.2099991		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	40437		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	7034		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4243378688		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2059598336		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-157.490005		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000896000012		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1036.69995		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000566000002		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1358028288		
tgt_GetSystemTime_mS_u32_CurrentTime	2212175616		
Name	Actual Value	Expected Value	Resul
Autocenter_f32()	0	0 ± 0.1	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4243378688	4243378688	•
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2212175616	2212175616	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-158.277771	-158.277771	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1036.69995	-1036.69995	•
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	•
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	•
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	•
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•

Test Step 2.47 (Repeat Count = 1)		✓
Name	Input Value	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	5	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	15	
RelHwPos_HwDeg_T_f32	2307.94995	
VehSpdValid_Cnt_T_lgc	1	
VehicleSpeed_Kph_T_f32	102	
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	88.3099976	
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	96	
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5.01999998	
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	32	
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	2291	
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	29076	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1050692864	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	800969984	

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1307.94995		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51327106e-006		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1307.94995		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000566000002		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1975593216		
tgt_GetSystemTime_mS_u32_CurrentTime	2059598336		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	1000	1000 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1050692864	1050692864	~
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2059598336	2059598336	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1307.95251	1307.95251	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1307.94995	1307.94995	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>

Name	Input Value				
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str			
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime				
FiltPinTrq HwNm T f32	9				
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Cui	rentTime			
MotorVelCRF_MtrRadpS_T_f32	-44				
RelHwPos_HwDeg_T_f32	-893.640015				
VehSpdValid_Cnt_T_lgc	1				
VehicleSpeed_Kph_T_f32	124				
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	94				
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	106				
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	9.06000042				
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	52				
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	38868				
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821				
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3039943680				
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	569984000				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-893.640015	-893.640015			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584786				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-893.640015	-893.640015			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000568000018				
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0				
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0				
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	910116864				
tgt_GetSystemTime_mS_u32_CurrentTime	800969984				
Name	Actual Value	Expected Value	Resu		
Autocenter_f32()	0	0 ± 0.1	•		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3039943680	3039943680			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	569984000	569984000			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-893.640015	-893.640015			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-893.640015	-893.640015	•		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1			

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
DtrmnElapsedTime_mS_u32	2	DtrmnElapsedTime_mS_u32	2	•	



Test Step 2.49 (Repeat Count = 1) Name	Input Value				
AutoCntr Cnt T str	tgt AutoCntr Cnt T str				
DtrmnElapsedTime mS u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32	P. FlansedTime			
FiltPinTrg HwNm T f32		7			
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 C	urrentTime			
MotorVelCRF MtrRadpS T f32	-9.01000023	unchtrane			
RelHwPos HwDeg T f32	616.409973				
VehSpdValid Cnt T Igc	1				
VehicleSpeed Kph T f32	132				
tgt AutoCntr Cnt T str.MtrVel MtrRadpS f32	44.4700012				
tgt AutoCntr Cnt T str.VehSpd kph f32	116				
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	7.01999998				
tgt AutoCntr Cnt T str.CntrWindow HwDeg f32	10				
tgt AutoCntr Cnt T str.Timer1Thresh mS u16	53970				
tgt AutoCntr Cnt T str.Timer2Thresh mS u16	40437				
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1316564736				
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3351443200	3351443200			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	616.409973	616.409973			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000566000002				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	616.409973				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000569999975				
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0				
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1				
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	402713344				
tgt_GetSystemTime_mS_u32_CurrentTime	2659241984				
Name	Actual Value	Expected Value	Result		
Autocenter_f32()	0	0 ± 0.1	<b>✓</b>		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1316564736	1316564736	•		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3351443200	3351443200	•		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	616.409973	616.409973	•		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	616.409973	616.409973	•		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	•		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	•		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	•		

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	2	DtrmnElapsedTime_mS_u32	2	~

Test Step 2.50 (Repeat Count = 1)	
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	16
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	1199
RelHwPos_HwDeg_T_f32	-6.48000002
VehSpdValid_Cnt_T_lgc	1
VehicleSpeed_Kph_T_f32	246.25
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	539
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	123
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	16
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	63
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	20423
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	33198
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3941357312
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2127166208
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	616.409973
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000872000004
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000541999994
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	0

Autocenter\_f32



Name	Input Value		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	625668608		
tgt_GetSystemTime_mS_u32_CurrentTime	2894938880		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	3193.52002	3193.52002 ± 0.1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2894938880	2894938880	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2127166208	2127166208	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	616.409973	616.409973	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200	-3200	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.51 (Repeat Count = 1)			✓		
Name	Input Value				
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str			
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime				
FiltPinTrq_HwNm_T_f32	14				
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Cur	rentTime			
MotorVelCRF_MtrRadpS_T_f32	-1299.14001				
RelHwPos_HwDeg_T_f32	-444.170013				
VehSpdValid_Cnt_T_lgc	0				
VehicleSpeed_Kph_T_f32	123				
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	580				
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	124				
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	14				
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	88.25				
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	7034				
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	21335				
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1720406272				
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4243378688				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-833.309998				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000874000019				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	3200				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00054400001				
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0				
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1				
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1711664384				
tgt_GetSystemTime_mS_u32_CurrentTime	2059598336				
Name	Actual Value	Expected Value	Result		
Autocenter_f32()	-3644.16992	-3644.16992 ± 0.1	~		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2059598336	2059598336	~		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4243378688	4243378688	~		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-833.309998	-833.309998	<b>✓</b>		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	3200	3200	~		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>		

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	

Test Step 2 52 (Barest Count = 4)		
Test Step 2.52 (Repeat Count = 1)	Innest Webse	_
Name	Input Value	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	12	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	

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Name	Input Value		
MotorVelCRF_MtrRadpS_T_f32	-147		
RelHwPos_HwDeg_T_f32	1146.91003		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	124.764999		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	621		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	125		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	12.21		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	75		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	25532		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	53970		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2659241984		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1050692864		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1124.05005		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000875999976		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000546000025		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1568734208		
tgt_GetSystemTime_mS_u32_CurrentTime	800969984		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	1146.91003	1146.91003 ± 0.1	✓
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	800969984	800969984	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1050692864	1050692864	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1124.05005	-1124.05005	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0	0	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Name	Input Value				
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	tat AutoCntr Cnt T str			
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_El	lapsedTime			
FiltPinTrq_HwNm_T_f32	10				
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Curre	entTime			
MotorVelCRF_MtrRadpS_T_f32	88				
RelHwPos_HwDeg_T_f32	-1459.40002				
VehSpdValid_Cnt_T_lgc	0				
VehicleSpeed_Kph_T_f32	125				
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	662.210022				
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	32				
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	10				
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	97				
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	49475				
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	12258				
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2942063360				
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3039943680				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-136.300003				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000877999992				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	448.5				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000547999982				
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_Igc	1				
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_Igc	1				
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0				
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1				
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	4195077888				
tgt_GetSystemTime_mS_u32_CurrentTime	569984000				
Name	Actual Value	Expected Value	Result		
Autocenter_f32()	-1907.90002	-1907.90002 ± 0.1	-		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	569984000	569984000	~		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3039943680	3039943680	~		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-136.300003	-136.300003	<b>✓</b>		

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Name	Actual Value	Expected Value	Result
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	448.5	448.5	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.54 (Repeat Count = 1) Name	Input Value			
	· ·			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str			
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_Elap	osedTime		
FiltPinTrq_HwNm_T_f32	2	4Tim		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Curren	time		
MotorVelCRF_MtrRadpS_T_f32	-75			
RelHwPos_HwDeg_T_f32	459.209991			
VehSpdValid_Cnt_T_lgc	1			
VehicleSpeed_Kph_T_f32	32.3300018			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	124			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	124			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	2			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	86.3199997			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	43128			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	29076			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1117112832			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1316564736			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.839996			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000880000007			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-157.490005			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000549999997			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2339853824			
tgt_GetSystemTime_mS_u32_CurrentTime	3351443200			
Name	Actual Value	Expected Value	Resul	
Autocenter_f32()	616.700012	616.700012 ± 0.1	•	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3351443200	3351443200		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1316564736	1316564736	•	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.839996	-444.839996		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-157.490005	-157.490005	•	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1		
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	0	0		

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.55 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	4	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	-83.1399994	
RelHwPos_HwDeg_T_f32	1001.01001	
VehSpdValid_Cnt_T_lgc	1	
VehicleSpeed_Kph_T_f32	124	
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	138.110001	
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	84	
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	4.5	

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	42		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53759		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1736795392		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2075080192		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1001.01001		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000882000022		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1001.01001		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51327106e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3524313344		
tgt_GetSystemTime_mS_u32_CurrentTime	1358028288		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1736795392	1736795392	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2075080192	2075080192	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1001.01001	1001.01001	<b>~</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1001.01001	1001.01001	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	<b>~</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	2	DtrmnElapsedTime_mS_u32	2	~

Test Step 2.56 (Repeat Count = 1)			<b>✓</b>		
Name	Input Value				
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str				
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime				
FiltPinTrq_HwNm_T_f32	6				
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Current	Time			
MotorVelCRF_MtrRadpS_T_f32	15				
RelHwPos_HwDeg_T_f32	-1312.29004				
VehSpdValid_Cnt_T_lgc	1				
VehicleSpeed_Kph_T_f32	84				
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	86				
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	64				
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	6.69999981				
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	12				
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	13352				
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	40437				
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3437401088				
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1312.29004				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000883999979				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1312.29004				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584786				
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0				
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2108719104				
tgt_GetSystemTime_mS_u32_CurrentTime	1975593216				
Name	Actual Value	Expected Value	Result		
Autocenter_f32()	0	0 ± 0.1	~		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3437401088	3437401088	<b>✓</b>		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432	954802432	✓		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1312.29004	-1312.29004	✓		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1312.29004	-1312.29004	✓		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	✓		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	✓		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>		



Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
DtrmnElapsedTime_mS_u32	2	DtrmnElapsedTime_mS_u32	2	~	

Test Step 2.57 (Repeat Count = 1) Name	Input Value				
	· ·				
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str				
DtrmnElapsedTime_mS_u32(ElapsedTime)		tgt_DtrmnElapsedTime_mS_u32_ElapsedTime			
FiltPinTrq_HwNm_T_f32	8				
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_C	urrentTime			
MotorVelCRF_MtrRadpS_T_f32	110				
RelHwPos_HwDeg_T_f32	1089.29004				
VehSpdValid_Cnt_T_lgc	1				
VehicleSpeed_Kph_T_f32	64				
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	539.320007				
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	52				
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	8.89999962				
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	53.2099991				
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	21364				
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	2291				
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3494315776	3494315776			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2728878080				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1089.29004	1089.29004			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000885999994				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1089.29004				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000566000002				
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0				
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1				
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2894938880				
tgt_GetSystemTime_mS_u32_CurrentTime	910116864				
Name	Actual Value	Expected Value	Resu		
Autocenter f32()	0	0 ± 0.1			
tgt AutoCntr Cnt T str.Timer1 mS u32	3494315776	3494315776			
tgt AutoCntr Cnt T str.Timer2 mS u32	2728878080	2728878080			
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1089.29004	1089.29004			
tgt AutoCntr Cnt T str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1089.29004	1089.29004			
tgt AutoCntr Cnt T str.Filter1Enable Cnt lgc	1	1			
tgt AutoCntr Cnt T str.Filter2Enable Cnt lgc	1	1			
tgt AutoCntr Cnt T str.Filter1Initialized Cnt Igc	0	0			
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	1	1			

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	2	DtrmnElapsedTime_mS_u32	2	~

Test Step 2.58 (Repeat Count = 1)	✓
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	16
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	-547
RelHwPos_HwDeg_T_f32	448.100006
VehSpdValid_Cnt_T_lgc	1
VehicleSpeed_Kph_T_f32	34.2299995
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	600
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	21.2999992
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	16.2099991
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	86
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	40437
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	43128
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2894938880
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3494315776
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	448.100006
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000864000001

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	448.100006		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000533999992		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2478427648		
tgt_GetSystemTime_mS_u32_CurrentTime	3941357312		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2894938880	2894938880	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3941357312	3941357312	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	448.100006	448.100006	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	448.100006	448.100006	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	1	1	<b>✓</b>

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>	
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	-	

Test Step 2.59 (Repeat Count = 1)			•			
Name	Input Value					
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str				
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime					
FiltPinTrq_HwNm_T_f32	18					
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_0	CurrentTime				
MotorVelCRF_MtrRadpS_T_f32	-142	0_ ,				
RelHwPos_HwDeg_T_f32	-736.599976					
VehSpdValid_Cnt_T_lgc	1					
VehicleSpeed_Kph_T_f32	216					
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	200.240005					
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	210					
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	19.2000008					
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	32.0200005					
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	2291					
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	53759					
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2059598336					
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	463842816					
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-736.599976					
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000866000017					
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-736.599976					
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000536000007					
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1					
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1					
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0					
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1					
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	4180236544					
tgt_GetSystemTime_mS_u32_CurrentTime	3304439296					
Name	Actual Value	Expected Value	Resul			
Autocenter_f32()	0	0 ± 0.1	•			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2059598336	2059598336				
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	463842816	463842816				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-736.599976	-736.599976				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-736.599976	-736.599976				
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_Igc	1	1				
tgt AutoCntr Cnt T str.Filter2Enable Cnt Igc	1	1				
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0				
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1				

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	2	DtrmnElapsedTime_mS_u32	2	~



Test Step 2.60 (Repeat Count = 1)			<b>✓</b>			
Name	Input Value					
AutoCntr Cnt T str	tgt AutoCntr Cnt T str	tgt_AutoCntr_Cnt_T_str				
DtrmnElapsedTime mS u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32 ElapsedTime					
FiltPinTrg HwNm T f32	8					
GetSystemTime_mS_u32(CurrentTime)	tgt GetSystemTime mS u32 CurrentTime					
MotorVelCRF_MtrRadpS_T_f32	-83					
RelHwPos_HwDeg_T_f32	1210.59998					
VehSpdValid_Cnt_T_lgc	1					
VehicleSpeed_Kph_T_f32	226					
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	457					
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	212					
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	8.19999981					
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	52					
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	38868					
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	13352					
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	800969984					
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1759885568					
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1210.59998					
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000867999974					
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1210.59998	1210.59998				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000538000022					
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0					
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0					
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1					
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0					
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3368466432					
tgt_GetSystemTime_mS_u32_CurrentTime	2167769344					
Name	Actual Value	Expected Value	Result			
Autocenter_f32()	0	0 ± 0.1	✓			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	800969984	800969984	✓			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2167769344	2167769344	✓			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1210.59998	1210.59998	✓			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1210.59998	1210.59998	<b>✓</b>			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	✓			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	~			

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~

Test Step 2.61 (Repeat Count = 1)	
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	4
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	-456
RelHwPos_HwDeg_T_f32	-10.3400002
VehSpdValid_Cnt_T_lgc	1
VehicleSpeed_Kph_T_f32	236
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	498.359985
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	35
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	4.5
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	41
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53970
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	21364
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	569984000
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1662097408
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-10.3400002
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000869999989
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-10.3400002
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000539999979
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_Igc	1
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	170564352		
tgt_GetSystemTime_mS_u32_CurrentTime	3714197504		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	569984000	569984000	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1662097408	1662097408	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-10.3400002	-10.3400002	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-10.3400002	-10.3400002	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	2	DtrmnElapsedTime_mS_u32	2	~

Name	Input Value		
AutoCntr Cnt T str	tgt AutoCntr Cnt T str		
DtrmnElapsedTime mS u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32 ElapsedTime		
FiltPinTrq HwNm T f32	14	<b>-</b>	
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 0	CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	18		
RelHwPos_HwDeg_T_f32	476.670013		
VehSpdValid Cnt T Igc	1		
VehicleSpeed Kph T f32	186		
tgt AutoCntr Cnt T str.MtrVel MtrRadpS f32	56		
tgt AutoCntr Cnt T str.VehSpd kph f32	174		
tgt AutoCntr Cnt T str.FiltPinTrq HwNm f32	14.2299995		
tgt AutoCntr Cnt T str.CntrWindow HwDeg f32	0		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	49475		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	13352		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3039943680		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2059598336		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	476.670013		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000844000024	0.000844000024	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	476.670013	476.670013	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000514000014	0.000514000014	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2269150976		
tgt_GetSystemTime_mS_u32_CurrentTime	3039943680		
Name	Actual Value	Expected Value	Resul
Autocenter_f32()	0	0 ± 0.1	•
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3039943680	3039943680	•
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2059598336	2059598336	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	476.670013	476.670013	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	476.670013	476.670013	•
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	•
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	2	DtrmnElapsedTime_mS_u32	2	~

Test Step 2.63 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime

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Name	Input Value		
FiltPinTrq_HwNm_T_f32	16.9799995		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTim	e	
MotorVelCRF_MtrRadpS_T_f32	-48		
RelHwPos_HwDeg_T_f32	385.579987		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	196		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	86		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	187		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	18.7000008		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	100		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	43128		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	21364		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1316564736		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	800969984		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	385.579987		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000845999981		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	385.579987		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000515999971		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3533260288		
tgt_GetSystemTime_mS_u32_CurrentTime	1316564736		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1316564736	1316564736	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	800969984	800969984	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	385.579987	385.579987	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	385.579987	385.579987	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_Igc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	

1	Fest Step Call Trace				<b>✓</b>
-	actual Function	Count	Expected Function	Count	Result
	htrmnElapsedTime_mS_u32	2	DtrmnElapsedTime_mS_u32	2	~

Test Step 2.64 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	18	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	-42.0999985	
RelHwPos_HwDeg_T_f32	-1377.90002	
VehSpdValid_Cnt_T_lgc	1	
VehicleSpeed_Kph_T_f32	206	
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	75.1100006	
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	198.300003	
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	19.1000004	
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	65.4499969	
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53759	
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	33198	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2075080192	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	569984000	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2377.8999	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000847999996	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1377.90002	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000517999986	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	812314880	
tgt_GetSystemTime_mS_u32_CurrentTime	2075080192	
Name	Actual Value Expected Value	Result
Autocenter_f32()	0 0 ± 0.1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2075080192 2075080192	<b>✓</b>

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Name	Actual Value	Expected Value	Result
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2075080192	2075080192	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2377.052	-2377.052	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1377.90002	-1377.90002	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	<b>~</b>
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.65 (Repeat Count = 1)			<b>~</b>
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedT	ime	
FiltPinTrq_HwNm_T_f32	1		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
MotorVelCRF_MtrRadpS_T_f32	75		
RelHwPos_HwDeg_T_f32	-1380.59998		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	216.320007		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	98		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	200		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	1.5		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	87.3000031		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	13352		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	0		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	954802432		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3941357312		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1380.59998		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000850000011		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1380.59998		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000520000001		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3345084416		
tgt_GetSystemTime_mS_u32_CurrentTime	954802432		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	954802432	954802432	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432	954802432	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1380.59998	-1380.59998	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1380.59998	-1380.59998	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	•
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
DtrmnFlansedTime_mS_u32	1	DtrmnFlansedTime_mS_u32	1	_

Test Step 2.66 (Repeat Count = 1)		
Name	Input Value	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	2	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	-15	
RelHwPos_HwDeg_T_f32	703.02002	

 $tgt\_AutoCntr\_Cnt\_T\_str.Filter1Initialized\_Cnt\_lgc$ 

tgt\_AutoCntr\_Cnt\_T\_str.Filter2Initialized\_Cnt\_lgc

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Input Value VehSpdValid\_Cnt\_T\_lgc VehicleSpeed\_Kph\_T\_f32 226 tgt\_AutoCntr\_Cnt\_T\_str.MtrVel\_MtrRadpS\_f32 66 tgt\_AutoCntr\_Cnt\_T\_str.VehSpd\_kph\_f32 187 2.20000005 tgt\_AutoCntr\_Cnt\_T\_str.FiltPinTrq\_HwNm\_f32  $tgt\_AutoCntr\_Cnt\_T\_str.CntrWindow\_HwDeg\_f32$ 25.0200005 tgt\_AutoCntr\_Cnt\_T\_str.Timer1Thresh\_mS\_u16 21364 60000  $tgt\_AutoCntr\_Cnt\_T\_str.Timer2Thresh\_mS\_u16$ tgt\_AutoCntr\_Cnt\_T\_str.Timer1\_mS\_u32 2728878080 1720406272  $tgt\_AutoCntr\_Cnt\_T\_str.Timer2\_mS\_u32$ tgt\_AutoCntr\_Cnt\_T\_str.RelHwPosFilt1SV\_HwDeg\_str.SV\_Uls\_f32 703.02002 tgt\_AutoCntr\_Cnt\_T\_str.RelHwPosFilt1SV\_HwDeg\_str.K\_Uls\_f32 0.000852000026 tgt\_AutoCntr\_Cnt\_T\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32 703.02002  $tgt\_AutoCntr\_Cnt\_T\_str.RelHwPosFilt2SV\_HwDeg\_str.K\_Uls\_f32$ 0.000522000017 tgt\_AutoCntr\_Cnt\_T\_str.Filter1Enable\_Cnt\_lgc tgt\_AutoCntr\_Cnt\_T\_str.Filter2Enable\_Cnt\_lgc 0  $tgt\_AutoCntr\_Cnt\_T\_str.Filter1Initialized\_Cnt\_lgc$ 0 tgt\_AutoCntr\_Cnt\_T\_str.Filter2Initialized\_Cnt\_lgc 0  $tgt\_DtrmnElapsedTime\_mS\_u32\_ElapsedTime$ 2704864000  $tgt\_GetSystemTime\_mS\_u32\_CurrentTime$ 2728878080 Name **Actual Value Expected Value** Result Autocenter\_f32() 0 ± 0.1 tgt\_AutoCntr\_Cnt\_T\_str.Timer1\_mS\_u32 2728878080 2728878080 1720406272  $tgt\_AutoCntr\_Cnt\_T\_str.Timer2\_mS\_u32$ 1720406272 tgt\_AutoCntr\_Cnt\_T\_str.RelHwPosFilt1SV\_HwDeg\_str.SV\_Uls\_f32 703.02002 703.02002  $tgt\_AutoCntr\_Cnt\_T\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32$ 703.02002 703.02002 tgt\_AutoCntr\_Cnt\_T\_str.Filter1Enable\_Cnt\_lgc 1 tgt\_AutoCntr\_Cnt\_T\_str.Filter2Enable\_Cnt\_lgc 1

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
DtrmnElapsedTime mS u32	2	DtrmnElapsedTime mS u32	2	~	

0

1

0

1

Test Step 2.67 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime		
FiltPinTrq_HwNm_T_f32	4		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
MotorVelCRF_MtrRadpS_T_f32	26.5		
RelHwPos_HwDeg_T_f32	829.530029		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	236		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	34.25		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	224		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	4.80000019		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	86		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	33198		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	18774		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4164171008		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2659241984		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	829.530029		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000853999984		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	829.530029		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000523999974		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	4129141760		
tgt_GetSystemTime_mS_u32_CurrentTime	4164171008		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4164171008	4164171008	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4164171008	4164171008	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	829.530029	829.530029	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	829.530029	829.530029	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	~

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Name	Actual Value	Expected Value	Result
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	1	1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~

Name	Input Value			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str			
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime		
FiltPinTrq_HwNm_T_f32	7			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Cu	ırrentTime		
MotorVelCRF_MtrRadpS_T_f32	65			
RelHwPos_HwDeg_T_f32	731.700012			
VehSpdValid_Cnt_T_lgc	0			
VehicleSpeed_Kph_T_f32	7			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	600			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	76.3199997			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	2.20000005			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	42.0200005			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	2291			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	2291			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	543323			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	0	0		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2576.71997			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000814000028	0.000814000028		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2576.71997			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000696400006			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3524313344			
tgt_GetSystemTime_mS_u32_CurrentTime	1358028288			
Name	Actual Value	Expected Value	Resu	
Autocenter_f32()	-1845.02002	-1845.02002 ± 0.1	•	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1358028288	1358028288		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	0	0	•	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2576.71997	2576.71997		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2576.71997	2576.71997		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0		
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	1	1		

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.69 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	6.65999985	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	159	
RelHwPos_HwDeg_T_f32	1123.40002	
VehSpdValid_Cnt_T_lgc	1	
VehicleSpeed_Kph_T_f32	246.119995	
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	2	
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	84.2099991	
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	6	

 $tgt\_AutoCntr\_Cnt\_T\_str.Filter1Enable\_Cnt\_lgc$ 

tgt\_AutoCntr\_Cnt\_T\_str.Filter2Enable\_Cnt\_lgc

tgt\_AutoCntr\_Cnt\_T\_str.Filter1Initialized\_Cnt\_lgc

tgt\_AutoCntr\_Cnt\_T\_str.Filter2Initialized\_Cnt\_lgc

Autocenter\_f32

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Input Value  $tgt\_AutoCntr\_Cnt\_T\_str.CntrWindow\_HwDeg\_f32$ 56 tgt\_AutoCntr\_Cnt\_T\_str.Timer1Thresh\_mS\_u16 21335 12258 tgt\_AutoCntr\_Cnt\_T\_str.Timer2Thresh\_mS\_u16  $tgt\_AutoCntr\_Cnt\_T\_str.Timer1\_mS\_u32$ 3941357312 tgt\_AutoCntr\_Cnt\_T\_str.Timer2\_mS\_u32 4294967295  $tgt\_AutoCntr\_Cnt\_T\_str.RelHwPosFilt1SV\_HwDeg\_str.SV\_Uls\_f32$ 1123.40002 tgt\_AutoCntr\_Cnt\_T\_str.RelHwPosFilt1SV\_HwDeg\_str.K\_Uls\_f32 0.000855999999 tgt\_AutoCntr\_Cnt\_T\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32 1123.40002 tgt\_AutoCntr\_Cnt\_T\_str.RelHwPosFilt2SV\_HwDeg\_str.K\_Uls\_f32 0.000525999989  $tgt\_AutoCntr\_Cnt\_T\_str.Filter1Enable\_Cnt\_lgc$ tgt\_AutoCntr\_Cnt\_T\_str.Filter2Enable\_Cnt\_lgc  $tgt\_AutoCntr\_Cnt\_T\_str.Filter1Initialized\_Cnt\_lgc$ 0 tgt\_AutoCntr\_Cnt\_T\_str.Filter2Initialized\_Cnt\_lgc 0 tgt DtrmnElapsedTime mS u32 ElapsedTime 2108719104 tgt\_GetSystemTime\_mS\_u32\_CurrentTime 1975593216 **Expected Value Actual Value** Name Result Autocenter f32()  $0 \pm 0.1$ 1975593216 tgt\_AutoCntr\_Cnt\_T\_str.Timer1\_mS\_u32 1975593216 tgt\_AutoCntr\_Cnt\_T\_str.Timer2\_mS\_u32 4294967295 4294967295  $tgt\_AutoCntr\_Cnt\_T\_str.RelHwPosFilt1SV\_HwDeg\_str.SV\_Uls\_f32$ 1123.40002 1123.40002 tgt\_AutoCntr\_Cnt\_T\_str.RelHwPosFilt2SV\_HwDeg\_str.SV\_Uls\_f32 1123.40002 1123.40002

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

0

1

0

0

0

1

0

0

Test Step 2.70 (Repeat Count = 1)			
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32	_ElapsedTime	
FiltPinTrq_HwNm_T_f32	14		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Cu	urrentTime	
MotorVelCRF_MtrRadpS_T_f32	1100		
RelHwPos_HwDeg_T_f32	-378.170013		
VehSpdValid_Cnt_T_lgc	0		
VehicleSpeed_Kph_T_f32	84		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	120.120003		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	64		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	14.0100002		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	54		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	12258		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	26195		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3304439296		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	65489		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-378.170013		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000858000014		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-378.170013		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000528000004		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2894938880		
tgt_GetSystemTime_mS_u32_CurrentTime	910116864		
Name	Actual Value	Expected Value	Resu
Autocenter_f32()	0	0 ± 0.1	•
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	910116864	910116864	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	65489	65489	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-378.170013	-378.170013	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-378.170013	-378.170013	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.71 (Repeat Count = 1)			✓
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u3	2_ElapsedTime	
FiltPinTrq_HwNm_T_f32	2		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_0	CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	752		
RelHwPos_HwDeg_T_f32	-444.839996		
VehSpdValid_Cnt_T_lgc	0		
VehicleSpeed_Kph_T_f32	146		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	566.22998		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	156		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	2.1099999		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	54		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	49475		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	49475		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	824746752		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	402713344		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-444.839996		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000910000002		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.839996		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000568000018		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2167769344		
tgt_GetSystemTime_mS_u32_CurrentTime	0		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	<b>✓</b>
tgt AutoCntr Cnt T str.Timer1 mS u32	0	0	<b>✓</b>
tgt AutoCntr Cnt T str.Timer2 mS u32	402713344	402713344	•
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-444.839996	-444.839996	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-444.839996	-444.839996	-
tgt AutoCntr Cnt T str.Filter1Enable Cnt Igc	0	0	•
tgt AutoCntr Cnt T str.Filter2Enable Cnt Igc	1	1	-
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	1	1	

Test Step Call Trace				<b>~</b>	
F	actual Function	Count	Expected Function	Count	Result
(	SetSystemTime mS u32	1	GetSystemTime mS u32	1	~

Test Step 2.72 (Repeat Count = 1)		
Name	Input Value	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	5.5	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	-158	
RelHwPos_HwDeg_T_f32	-480.880005	
VehSpdValid_Cnt_T_lgc	1	
VehicleSpeed_Kph_T_f32	156.600006	
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	75	
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	166	
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5	
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	85	
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	43128	
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	43128	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	309385728	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4178051584	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-480.880005	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000912000018	

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-480.880005		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000569999975		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3714197504		
tgt_GetSystemTime_mS_u32_CurrentTime	4294967295		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4294967295	4294967295	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4178051584	4178051584	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-480.880005	-480.880005	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-480.880005	-480.880005	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	•
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.73 (Repeat Count = 1)			V		
Name	Input Value				
AutoCntr_Cnt_T_str	tgt AutoCntr Cnt T str				
DtrmnElapsedTime mS u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32 Ela	apsedTime			
FiltPinTrq HwNm T f32	4	4			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Curre	ntTime			
MotorVelCRF_MtrRadpS_T_f32	1100				
RelHwPos_HwDeg_T_f32	710.950012				
VehSpdValid_Cnt_T_lgc	0				
VehicleSpeed_Kph_T_f32	166				
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	10.21				
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	176				
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	4				
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	96				
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	21364				
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	21364				
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4164171008				
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4077829376				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	710.950012				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000904000015				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	710.950012				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00057199999				
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0				
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1				
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3323480832				
tgt_GetSystemTime_mS_u32_CurrentTime	255468				
Name	Actual Value	Expected Value	Resul		
Autocenter_f32()	0	0 ± 0.1			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	255468	255468			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4077829376	4077829376	•		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	710.950012	710.950012			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	710.950012	710.950012	•		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	•		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	•		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	Ō	•		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1			

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~



Test Step 2.74 (Repeat Count = 1)			<b>✓</b>		
Name	Input Value				
AutoCntr_Cnt_T_str	tgt AutoCntr Cnt T str				
DtrmnElapsedTime mS u32(ElapsedTime)	tgt DtrmnElapsedTime mS u3	32 ElapsedTime			
FiltPinTrg HwNm T f32	5	5			
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32	CurrentTime			
MotorVelCRF MtrRadpS T f32	100				
RelHwPos_HwDeg_T_f32	-833.309998	-833.309998			
VehSpdValid Cnt T lgc	1				
VehicleSpeed_Kph_T_f32	134				
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	126				
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	126				
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	6				
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	25				
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	20423				
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	2291				
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2075080192				
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1358028288				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-833.309998				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000904000015				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-833.309998				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000561999972				
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0				
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0				
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0				
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	0				
tgt_GetSystemTime_mS_u32_CurrentTime	2942063360				
Name	Actual Value	Expected Value	Result		
Autocenter_f32()	0	0 ± 0.1	~		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2075080192	2075080192	~		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1358028288	1358028288	<b>✓</b>		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-833.309998	-833.309998	<b>✓</b>		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-833.309998	-833.309998	~		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	<b>✓</b>		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	~		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	<b>✓</b>		

Test Step Call Trace						0
	Actual Function	Count	Expected Function	Count	Resul	t
	DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	•	•

Test Step 2.75 (Repeat Count = 1)	la constant de la con
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	3
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	120
RelHwPos_HwDeg_T_f32	-1124.05005
VehSpdValid_Cnt_T_lgc	1
VehicleSpeed_Kph_T_f32	154
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	124.25
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	136
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	4
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	86
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	7034
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	38868
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	954802432
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1975593216
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1124.05005
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000905999972
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2124.05005
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000563999987
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_Igc	0
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_Igc	1
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	4294967295

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Name	Input Value		
tgt_GetSystemTime_mS_u32_CurrentTime	4077829376		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	999.436035	999.435974 ± 0.1	✓
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	954802432	954802432	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1975593216	1975593216	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1124.05005	-1124.05005	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2123.48608	-2123.48608	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	2	DtrmnElapsedTime_mS_u32	2	~

Name	Input Value			
AutoCntr Cnt T str	tgt_AutoCntr_Cnt_T_str			
DtrmnElapsedTime mS u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime			
FiltPinTrq HwNm T f32	1			
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 Cu	urrentTime		
MotorVelCRF_MtrRadpS_T_f32	-425.220001			
RelHwPos_HwDeg_T_f32	-136.300003			
VehSpdValid_Cnt_T_lgc	1			
VehicleSpeed_Kph_T_f32	158			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	456			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	146			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	2			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	56.2999992			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	25532			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	53970			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2728878080			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	910116864			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-136.300003			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000907999987			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-136.300003			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000566000002			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	255468			
tgt_GetSystemTime_mS_u32_CurrentTime	3714197504			
Name	Actual Value	Expected Value	Resul	
Autocenter_f32()	0	0 ± 0.1	•	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2728878080	2728878080	•	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3714197504	3714197504		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-136.300003	-136.300003		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-136.300003	-136.300003	•	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	•	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	•	
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	1	1		

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~



#### **Test Case 3: Path Test**

Specification

Performance Metrics: (With "None" Instrumentation and "WithPS" Environment)

CPU Cycles:

TS3.1 1885.00 Cycles TS3.2 1257.00 Cycles TS3.3 1767.00 Cycles TS3.4 1844.00 Cycles TS3.5 1766.00 Cycles TS3.6 1791.00 Cycles TS3.7 747.00 Cycles TS3.8 1784.00 Cycles TS3.8 1784.00 Cycles TS3.9 676.00 Cycles

#### Description

Vector Description:

```
TS3.1"( (Abs_f32_m(MotorVelCRF_MtrRadpS_T_f32) <= AutoCntr_Cnt_T_str->MtrVel_MtrRadpS_f32) && (VehicleSpeed_Kph_T_f32 >= AutoCntr_Cnt_T_str->VehSpd_kph_f32) && (VehSpdValid_Cnt_T_lgc == D_TRUE_CNT_LGC) && (VehSpdValid_Cnt_T_lgc == D_TRUE_CNT_LGC) && (Abs-filtPhiTrq_HvNhm_T_f32 <= (AutoCntr_Cnt_T_str->Filter_lenable_Cnt_lgc == D_FALSE_CNT_LGC) && (Timer_lelapsed_mS_T_u32 >= AutoCntr_Cnt_T_str->Filter_lenable_Cnt_lgc == D_FALSE_CNT_LGC) && (Timer_lelapsed_mS_T_u32 >= AutoCntr_Cnt_T_str->Timer_lenable_Cnt_lgc == D_FALSE_CNT_LGC) && (Timer_lelapsed_mS_f32) = True (AutoCntr_Cnt_T_str->Filter_lenable_Cnt_lgc == D_FALSE_CNT_LGC) && (Timer_lelapsed_mS_f32) = True (Abs_f32_m(RelHwPos_HvDeg_T_f32 - AutoCntr_Cnt_T_str->RelHwPos_Filt1SV_HwDeg_str.SV_Uls_f32) <= AutoCntr_Cnt_T_str->CntrWindow_HwDeg_f32) = True (Abs_f32_m(RelHwPos_HvDeg_f32) == D_FALSE_CNT_LGC) && (Timer_lelapsed_mS_f_u32) == AutoCntr_Cnt_f_str->Timer_lelapsed_mS_f_u32) == AutoCntr_Cnt_f_str->Timer_lelapsed_mS_f_u32) == AutoCntr_Cnt_f_str->RelHwPos_HvDeg_str.SV_Uls_f32) <= AutoCntr_Cnt_f_str->CntrWindow_HwDeg_f32) == D_FALSE_CNT_LGC) && (Timer_lelapsed_mS_f_u32) == AutoCntr_Cnt_f_str->RelHwPos_HvDeg_str.SV_Uls_f32) <= AutoCntr_Cnt_f_str->CntrWindow_HwDeg_f32) == AutoCntr_Cnt_f_str->RelHwPos_HvDeg_str.SV_Uls_f32) <= AutoCntr_Cnt_f_str->RelHwPos_HvDeg_f32) == AutoCntr_Cnt_f_str->RelHwPos_HvDeg_f32) == AutoCntr_Cnt_f_str->RelHwPos_HvDeg_f32) == AutoCntr_Cnt_f_str->RelHwPos_HvDeg_f32) == AutoCntr_Cnt_f_str->RelHwPos_HvDeg_f32) == AutoCntr_Cnt_f_str->RelHwPos_f32) == AutoCntr_Cnt_f_str->RelHwPos_f32) == AutoCntr_Cnt_f_str->RelHwPos_f32) == AutoCntr_Cnt_f_str->RelHwPos_f32) == AutoCntr_Cnt_f_str->RelHwPos_f32) == AutoCntr_Cnt_f
```

Name	Input Value		
AutoCntr Cnt T str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime mS u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32 ElapsedTime		
FiltPinTrg HwNm T f32	5		
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 CurrentTime		
MotorVelCRF_MtrRadpS_T_f32	0		
RelHwPos_HwDeg_T_f32	-888		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	216		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	120		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	85		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53759		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1050692864		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3533260288		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000503999996		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000503999996		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3437401088		
tgt_GetSystemTime_mS_u32_CurrentTime	954802432		
Name	Actual Value Expected Value	Result	
Autocenter_f32()	-1312.33826 ± 0.1	<b>→</b>	

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Name	Actual Value	Expected Value	Result
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1050692864	1050692864	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432	954802432	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888	-888	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	424.338257	424.338257	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	<b>✓</b>

Test Step 3.2 (Repeat Count = 1)			<b>✓</b>	
Name	Input Value			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str			
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime			
FiltPinTrq_HwNm_T_f32	5	5		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime			
MotorVelCRF_MtrRadpS_T_f32	0			
RelHwPos_HwDeg_T_f32	-888			
VehSpdValid_Cnt_T_lgc	1			
VehicleSpeed_Kph_T_f32	216			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	120			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	85			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53759			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3039943680			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	812314880			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000506000011			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000506000011			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3437401088			
tgt_GetSystemTime_mS_u32_CurrentTime	954802432			
Name	Actual Value	Expected Value	Result	
Autocenter_f32()	-1312.33569	-1312.33557 ± 0.1	•	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3039943680	3039943680	•	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	812314880	812314880	•	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888	-888	•	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	424.335632	424.335632	•	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_Igc	1	1	•	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	•	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	•	
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	1	1	•	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	2	DtrmnElapsedTime_mS_u32	2	~

Test Step 3.3 (Repeat Count = 1)	<b>→</b>
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	5
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	0
RelHwPos_HwDeg_T_f32	-888



Name	Input Value		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	216		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	120		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	85		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53759		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1316564736		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3345084416		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000508000026		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000508000026		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3437401088		
tgt_GetSystemTime_mS_u32_CurrentTime	954802432		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-1312.33301	-1312.33301 ± 0.1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1316564736	1316564736	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432	954802432	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888	-888	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	424.333008	424.333008	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	<b>✓</b>

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	
DtrmnElapsedTime mS u32	1	DtrmnElapsedTime mS u32	1	_	

Test Step 3.4 (Repeat Count = 1)			✓
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedT	ime	
FiltPinTrq_HwNm_T_f32	5		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
MotorVelCRF_MtrRadpS_T_f32	0		
RelHwPos_HwDeg_T_f32	-888		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	216		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	120		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	85		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53759		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2075080192		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2704864000		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	888		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000509999983		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000509999983		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3437401088		
tgt_GetSystemTime_mS_u32_CurrentTime	954802432		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-1313	-1313 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2075080192	2075080192	~
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432	954802432	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	887.094238	887.094238	~

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Name	Actual Value	Expected Value	Result
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425	425	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	1	1	<b>✓</b>

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~		
GetSystemTime_mS_u32	2	GetSystemTime_mS_u32	2	<b>✓</b>		

Name	Input Value				
AutoCntr Cnt T str	tgt AutoCntr Cnt T str				
DtrmnElapsedTime mS u32(ElapsedTime)		tgt DtrmnElapsedTime mS u32 ElapsedTime			
FiltPinTrg HwNm T f32	5				
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 0	CurrentTime			
MotorVelCRF MtrRadpS T f32	0				
RelHwPos HwDeg T f32	-888				
VehSpdValid_Cnt_T_lgc	1				
VehicleSpeed_Kph_T_f32	216				
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	120				
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34				
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5				
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	53				
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	85				
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821				
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2167769344				
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000511999999				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000511999999				
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1				
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3437401088				
tgt_GetSystemTime_mS_u32_CurrentTime	954802432				
Name	Actual Value	Expected Value	Resul		
Autocenter_f32()	-1312.32776	-1312.32776 ± 0.1	•		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2167769344	2167769344	•		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432	954802432	•		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888	-888	•		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	424.327759	424.327759	•		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	•		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	•		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	•		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	•		

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	2	DtrmnElapsedTime_mS_u32	2	~

Test Step 3.6 (Repeat Count = 1)		✓
Name	Input Value	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	5	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	0	
RelHwPos_HwDeg_T_f32	-888	
VehSpdValid_Cnt_T_lgc	1	
VehicleSpeed_Kph_T_f32	216	
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	120	
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34	



Name	Input Value		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	86		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	85		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2728878080		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	662694400		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000514000014		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000514000014		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3437401088		
tgt_GetSystemTime_mS_u32_CurrentTime	954802432		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	✓
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2728878080	2728878080	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432	954802432	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888	-888	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-888	-888	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~	

T4 04-9 0.7 (B-9-4 094 - 4)			
Test Step 3.7 (Repeat Count = 1)	Innut Value		
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	_	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_Elapse	dlime	
FiltPinTrq_HwNm_T_f32	15		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTir	ne	
MotorVelCRF_MtrRadpS_T_f32	63		
RelHwPos_HwDeg_T_f32	-1600		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	186		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	66		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	84		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	96		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	86		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	53970		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	824746752		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2303132928		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000515999971		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000515999971		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2942063360		
tgt_GetSystemTime_mS_u32_CurrentTime	3039943680		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3039943680	3039943680	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2303132928	2303132928	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1600	-1600	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1600	-1600	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	<b>✓</b>
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	<b>✓</b>

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Name	Actual Value	Expected Value	Result
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	

Test Step 3.8 (Repeat Count = 1)	Invest Walnu		
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32	_ElapsedTime	
FiltPinTrq_HwNm_T_f32	5		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_C	urrentTime	
MotorVelCRF_MtrRadpS_T_f32	0		
RelHwPos_HwDeg_T_f32	-888		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	216		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	120		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	45		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	85		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	309385728		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4129141760		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000517999986		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000517999986		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt AutoCntr Cnt T str.Filter1Initialized Cnt Igc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt DtrmnElapsedTime mS u32 ElapsedTime	500		
tgt GetSystemTime mS u32 CurrentTime	954802432		
Name	Actual Value	Expected Value	Resul
Autocenter f32()	-1313	-1313 ± 0.1	
tgt AutoCntr Cnt T str.Timer1 mS u32	309385728	309385728	
tgt AutoCntr Cnt T str.Timer2 mS u32	954802432	954802432	
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-888	-888	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425	425	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	
tgt AutoCntr Cnt T str.Filter2Enable Cnt lgc	0	0	
tgt AutoCntr Cnt T str.Filter1Initialized Cnt Igc	1	1	
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	1	1	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~

Test Step 3.9 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	5	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	0	
RelHwPos_HwDeg_T_f32	-888	
VehSpdValid_Cnt_T_lgc	1	
VehicleSpeed_Kph_T_f32	216	
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	120	
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34	
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5	
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	85	
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	40000	

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4164171008		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2836768512		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000520000001		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000520000001		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	30000		
tgt_GetSystemTime_mS_u32_CurrentTime	954802432		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-1313	-1313 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4164171008	4164171008	•
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2836768512	2836768512	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888	-888	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425	425	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~

Name	Input Value		
AutoCntr Cnt T str	tgt AutoCntr Cnt T str		
DtrmnElapsedTime mS u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32 E	lapsedTime	
FiltPinTrg HwNm T f32	5	•	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Curr	entTime	
MotorVelCRF_MtrRadpS_T_f32	0		
RelHwPos_HwDeg_T_f32	-888		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	216		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	120		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	85		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53759		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1316564736		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3345084416		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000520000001		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000508000026		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3437401088		
tgt_GetSystemTime_mS_u32_CurrentTime	954802432		
Name	Actual Value	Expected Value	Resul
Autocenter_f32()	0	0 ± 0.1	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1316564736	1316564736	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432	954802432	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888	-888	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-888	-888	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	

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Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~

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VehDyn\_SCom\_ResetCenter

 Project
 VehDyn

 Module
 VehDyn

Test Object VehDyn\_SCom\_ResetCenter

### Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %

#### **Statistics**

Total Testcases	1	
Successful	1	✓
Failed	0	
Not Executed	0	

#### **Module Properties**

Project Root Directory	D:\Synergy_Work_Area\VehDyn
Configuration File	D:\Synergy_Work_Area\VehDyn\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\src\Ap_VehDyn.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I\$(PROJECTROOT)\StdDeftinclude -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT) \utp\contract -I\$(PROJECTROOT)\utp\contract\Ap VehDyn -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470 4.9.5\include

Name	Text
olodule 'VehDyn'	Name of Tester:Spoorti Mali Code File(s) Under Test:Ap_VehDyn.c Code File(s) Version:8 Module Design Document:VehDyn_MDD.docx Module Design Document Version:9 Data Dictionary Version:10 Unit Test Plan Version:6
	Optimization Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32 Total FLASH Used (Bytes):2278 Total RAM Used (Bytes):201 Total CALS Used (Bytes):115 Special Test Requirements: Test Date:09-15-2015 Comments:"NOTE1: Inline function defined in ""GlobalMacro.h"" are not unit tested. NOTE2: ""CBD_Sandbox_dbg.map"" map file is embedded for reference."

Attributes	
Name	Value
Compiler Install Path	<pre>\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5</pre>
Float Precision	9
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files</pre>
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	<pre>\$(InitObjDir)\sys_link.cmd</pre>
Makefile Template	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl</pre>
Target Install Path	\$(ProgramFiles)\pls
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg

VehDyn\_SCom\_ResetCenter

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Workspace File

D:\Synergy\_Work\_Area\VehDyn\UnitTestEnv\config\UDE\_TMS570\_DEBUG.WSP



VehDyn\_SCom\_ResetCenter

### Test Case 1: Boundary Test

Specification

Performance Metrics: (With "None" Instrumentation and "WithPS" Environment)

TS1.1 589.00 Cycles

Description Vector Description:

TS1.1Initialization

Test Step 1.1 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn		
target_Rte_Inst_Ap_VehDyn.Pim_MotPosReset	target_Pim_MotPosReset		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	0	0	✓
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0	0	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~

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Project	VehDyn
Module	VehDyn
Test Object	VehDyn_Init1

### Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
<b>Decision Coverage</b>	100 %
Branch (C1) Coverage	100 %
MCC Coverage	100 %
MC/DC Coverage	100 %

#### **Statistics**

Total Testcases	3	
Successful	3	<b>~</b>
Failed	0	
Not Executed	0	

### **Module Properties**

Project Root Directory	D:\Synergy_Work_Area\VehDyn
Configuration File	D:\Synergy_Work_Area\VehDyn\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\src\Ap_VehDyn.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\\utp\contract -I\$(PROJECTROOT)\utp\contract\Ap_VehDyn -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

ame	Text
odule 'VehDyn'	**************************************
	Name of Tester:Spoorti Mali
	Code File(s) Under Test:Ap_VehDyn.c
	Code File(s) Version:8
	Module Design Document:VehDyn_MDD.docx
	Module Design Document Version:9
	Data Dictionary Version:10 Unit Test Plan Version:6
	Optimization Level:Level 2
	Compiler (CodeGen) Version:TMS470 4.9.5
	Model Type:Excel Macro
	Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32
	Total FLASH Used (Bytes):2278
	Total RAM Used (Bytes):201
	Total CALS Used (Bytes):115
	Special Test Requirements:
	Test Date:09-15-2015 Comments:"NOTE1: Inline function defined in ""GlobalMacro.h"" are not unit tested.
	Comments. NOTE 1. Infine function destined in Globol Macron. Tale not unit tested.  NOTE2: "CBD Sandbox dbq.map" map file is embedded for reference."

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(InitObjDir)\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	\$(ProgramFiles)\pls
Time Unit	Cycles
Timer Enabled	false

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VehDyn\_Init1



Attributes	
Name	Value
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\VehDyn\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



#### **Test Case 1: Metrics Test**

Specification

Performance Metrics: (With "None" Instrumentation and "WithPS" Environment)

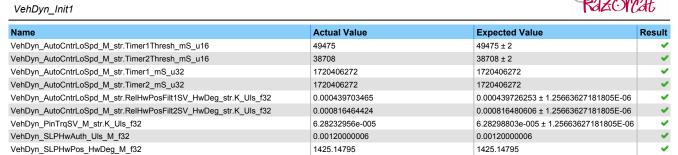
CPU Cycles: TS1.1 3995.00 Cycles Shortest Execution Path TS1.2 4064.00 Cycles Longest Execution Path

Description Vector Description:

 $TS1.1Shortest\ Execution\ Path=>(((Rte\_Pim\_MotPosReset()->NVMStoredLastPosValid\_Cnt\_lgc) == TRUE)\ \&\&\ (((FaultBFActive\_Cnt\_T\_lgc\ \&\ LSLPEnableBFCheck\_Cnt\_lgc) == FALSE)))=FALSE \\ TS1.2Longest\ Execution\ Path=>(((Rte\_Pim\_MotPosReset()->NVMStoredLastPosValid\_Cnt\_lgc) == TRUE)\ \&\&\ (((FaultBFActive\_Cnt\_T\_lgc\ \&\ LSLPEnableBFCheck\_Cnt\_lgc) == FALSE)))=TRUE$ 

Test Step 1.1 (Repeat Count = 1) Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTi	me	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)		Igr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	igi_cctivi cactive_ivi cactive_i ti_i_ige	
κ AutoCntrHiSpdCntrWindow HwDeg f32	16.8675175		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0049999989		
<_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00779999979		
<_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	511.249969		
<_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	2.49991417		
<_AutoCntrHiSpdTimer1VehSpd_kph_f32	119.398392		
<_AutoCntrHiSpdTimer1_mS_u16	19956		
x_AutoCntrHiSpdTimer2_mS_u16	1111		
C_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	47.1357269		
C_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	577.715271		
C_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	18.6059322		
_AutoCntrHiSpdTimer4VehSpd_kph_f32	69.9332428		
_AutoCntrHiSpdTimer4_mS_u16	47307		
C_AutoCntrLoSpdCntrWindow_HwDeg_f32	97.2305069		
c_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0350000001		
z_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0649999976		
_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	0		
_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	16.4742603		
_AutoCntrLoSpdTimer1VehSpd_kph_f32	113.628799		
:_AutoCntrLoSpdTimer1_mS_u16	49475		
: AutoCntrLoSpdTimer2 mS u16	38708		
AutoCntrPinTrqLPFCoeffKn Hz f32	0.00499999989		
SLPEnableBFCheck Cnt lgc	0		
SLPHwAuthority Uls f32	0.00120000006		
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1425.14795		
arget Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1		
arget_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0		
arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
	1720406272		
gt_GetSystemTime_mS_u32_CurrentTime			1_
Name	Actual Value	Expected Value	Res
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	577.715271	577.715271 ± 0.2	
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	69.9332428	69.9332428 ± 0.5	
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.6059322	18.6059322 ± 0.04	
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	47.1357269	47.1357269 ± 0.0625	
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	19956	19956 ± 2	
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	47307	47307 ± 2	
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1720406272	1720406272	
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1720406272	1720406272	
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439726253 ± 1.25663627181805E-06	
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000816464424	0.000816480606 ± 1.25663627181805E-06	
/ehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	511.249969	511.249969 ± 0.2	
/ehDyn AutoCntrHiSpd M str.VehSpd kph f32	119.398392	119.398392 ± 0.5	
/ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	2.49991417	2.49991417 ± 0.04	
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	16.8675175	16.8675175 ± 0.0625	
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	19956	19956 ± 2	
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	1111	1111 ± 2	
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1720406272	1720406272	
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1720406272	1720406272	
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.80128898e-005 ± 1.25663627181805E-06	
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	0	0 ± 0.2	
	113.628799	113.628799 ± 0.5	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32			
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	16.4742603 97.2305069	16.4742603 ± 0.04 97.2305069 ± 0.0625	





Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 1.2 (Repeat Count = 1)			✓
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_	GetNTCActive NTCActive Ptr T Igc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k AutoCntrHiSpdCntrWindow HwDeg f32	100		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.100000001		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.100000001		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	700		
k AutoCntrHiSpdTimer1PinTrg HwNm f32	20		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	255		
k_AutoCntrHiSpdTimer1_mS_u16	60000		
k AutoCntrHiSpdTimer2 mS u16	60000		
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	100		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	700		
k AutoCntrHiSpdTimer4PinTrg HwNm f32	20		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	255		
k_AutoCntrHiSpdTimer4_mS_u16	60000		
k AutoCntrLoSpdCntrWindow HwDeg f32	100		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.100000001		
k AutoCntrLoSpdFilt2Kn Hz f32	0.100000001		
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	700		
k AutoCntrLoSpdTimer1PinTrg HwNm f32	20		
k AutoCntrLoSpdTimer1VehSpd kph f32	255		
k AutoCntrLoSpdTimer1 mS u16	60000		
k_AutoCntrLoSpdTimer2_mS_u16	60000		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.100000001		
k SLPEnableBFCheck Cnt lgc	1		
k SLPHwAuthority Uls f32	1		
	1600		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc			
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset 4294967295		
tgt_GetSystemTime_mS_u32_CurrentTime		1	1
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	700	700 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	255	255 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	100	100 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	60000	60000 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	60000	60000 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4294967295	4294967295	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295	4294967295	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584786 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584786 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	700	700 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	255	255 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	100	100 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	60000	60000 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	60000	60000 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4294967295	4294967295	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4294967295	4294967295	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32	0.00125586987	0.00125584786 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32	0.00125586987	0.00125584786 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  © Report created by TESSY V3.1.12 report template V2.1	0.00125586987	0.00125584786 ± 1.25663627181805E-06	<b>✓</b>

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	700	700 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	255	255 ± 0.5	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	100	100 ± 0.0625	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	60000	60000 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	60000	60000 ± 2	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4294967295	4294967295	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295	4294967295	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584786 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584786 ± 1.25663627181805E-06	<b>✓</b>
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00125586987	0.00125584786 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	<b>✓</b>
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

VehDyn\_Init1

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Test Case 2: Boundary Test

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VehDyn\_Init1



#### Specification

Performance Metrics: (With "None" Instrumentation and "WithPS" Environment) CPU Cycles: TS2.1 4053.00 Cycles TS2.2 3974.00 Cycles TS2.3 3945.00 Cycles TS2.4 3945.00 Cycles TS2.5 3945.00 Cycles TS2.6 3945.00 Cycles TS2.7 3945.00 Cycles TS2.8 3945.00 Cycles TS2.9 3945.00 Cycles TS2.10 3945.00 Cycles TS2.11 3945.00 Cycles TS2.12 3945.00 Cycles TS2.12 3945.00 Cycles TS2.13 3945.00 Cycles TS2.14 3945.00 Cycles TS2.15 3945.00 Cycles TS2.16 3945.00 Cycles TS2.17 3945.00 Cycles TS2.18 3945.00 Cycles TS2.19 3945.00 Cycles TS2.20 3945.00 Cycles TS2.20 3945.00 Cycles
TS2.21 3945.00 Cycles
TS2.22 3945.00 Cycles
TS2.23 3945.00 Cycles
TS2.24 3945.00 Cycles
TS2.25 3945.00 Cycles
TS2.26 3945.00 Cycles
TS2.27 3945.00 Cycles
TS2.28 3945.00 Cycles
TS2.29 3945.00 Cycles
TS2.30 3945.00 Cycles
TS2.31 3945.00 Cycles
TS2.32 3945.00 Cycles
TS2.33 3945.00 Cycles
TS2.34 3945.00 Cycles
TS2.34 3945.00 Cycles
TS2.34 3945.00 Cycles TS2.33 3945.00 Cycles TS2.34 3945.00 Cycles TS2.35 3945.00 Cycles TS2.36 3945.00 Cycles TS2.37 3945.00 Cycles TS2.38 3945.00 Cycles TS2.39 3945.00 Cycles TS2.39 3945.00 Cycles TS2.40 3945.00 Cycles TS2.40 3945.00 Cycles TS2.41 3945.00 Cycles TS2.42 3945.00 Cycles TS2.43 3945.00 Cycles TS2.44 3945.00 Cycles TS2.45 3945.00 Cycles TS2.46 3945.00 Cycles TS2.47 3945.00 Cycles TS2.48 3945.00 Cycles TS2.49 3945.00 Cycles TS2.50 3945.00 Cycles TS2.51 3945.00 Cycles TS2.52 3945.00 Cycles TS2.53 3945.00 Cycles TS2.53 3945.00 Cycles TS2.53 3945.00 Cycles TS2.53 3945.00 Cycles TS2.52 3945.00 Cycles TS2.53 3945.00 Cycles TS2.55 3945.00 Cycles TS2.55 3945.00 Cycles TS2.56 3945.00 Cycles TS2.57 3945.00 Cycles TS2.59 3945.00 Cycles TS2.59 3945.00 Cycles TS2.60 3945.00 Cycles TS2.61 3945.00 Cycles TS2.62 3945.00 Cycles TS2.63 3945.00 Cycles TS2.64 3945.00 Cycles TS2.65 3945.00 Cycles TS2.66 3945.00 Cycles TS2.67 3945.00 Cycles TS2.69 3945.00 Cycles TS2.70 3945.00 Cycles TS2.71 3945.00 Cycles TS2.72 3945.00 Cycles TS2.72 3945.00 Cycles TS2.73 3945.00 Cycles TS2.74 3945.00 Cycles TS2.75 3945.00 Cycles TS2.76 3945.00 Cycles TS2.77 3945.00 Cycles TS2.78 3945.00 Cycles TS2.79 3945.00 Cycles TS2.80 3945.00 Cycles TS2.81 3945.00 Cycles TS2.82 3945.00 Cycles TS2.83 3945.00 Cycles TS2.83 3945.00 Cycles TS2.84 3945.00 Cycles TS2.85 3945.00 Cycles TS2.86 3945.00 Cycles TS2.87 3945.00 Cycles TS2.88 3945.00 Cycles TS2.89 3945.00 Cycles TS2.90 3945.00 Cycles TS2.91 3945.00 Cycles TS2.92 3945.00 Cycles TS2.93 3945.00 Cycles TS2.94 3945.00 Cycles TS2.95 3945.00 Cycles TS2.96 3945.00 Cycles TS2.97 3945.00 Cycles TS2.98 3945.00 Cycles TS2.99 3945.00 Cycles

TS2.100 3945.00 Cycles





#### **Description** Vector Description:

TS 2.1All Min TS 2.2All Max TS 2.3k\_AutoCntrLoSpdTimer1MtrVel\_MtrRadpS\_f32==>Min TS 2.4k\_AutoCntrLoSpdTimer1MtrVel\_MtrRadpS\_f32==>Max TS 2.5k\_AutoCntrLoSpdTimer1MtrVel\_MtrRadpS\_f32==>Pos TS 2.6k\_AutoCntrLoSpdTimer1MtrVel\_MtrRadpS\_f32==>Default TS 2.7k\_AutoCntrLoSpdTimer1VehSpd\_kph\_f32==>Min TS 2.8k\_AutoCntrLoSpdTimer1VehSpd\_kph\_f32==>Max TS 2.8k\_AutoCntrLoSpdTimer1VehSpd\_kph\_f32==>Max
TS 2.9k\_AutoCntrLoSpdTimer1VehSpd\_kph\_f32==>Pos
TS 2.10k\_AutoCntrLoSpdTimer1VehSpd\_kph\_f32==>Default
TS 2.10k\_AutoCntrLoSpdTimer1PinTrq\_HwNm\_f32==>Max
TS 2.11k\_AutoCntrLoSpdTimer1PinTrq\_HwNm\_f32==>Max
TS 2.12k\_AutoCntrLoSpdTimer1PinTrq\_HwNm\_f32==>Pos
TS 2.14k\_AutoCntrLoSpdTimer1PinTrq\_HwNm\_f32==>Default
TS 2.15k\_AutoCntrLoSpdTimer1PinTrq\_HwNm\_f32==>Default
TS 2.15k\_AutoCntrLoSpdCntrWindow\_HwDeg\_f32==>Max
TS 2.16k\_AutoCntrLoSpdCntrWindow\_HwDeg\_f32==>Pos
TS 2.17k\_AutoCntrLoSpdCntrWindow\_HwDeg\_f32==>Pos
TS 2.18k\_AutoCntrLoSpdCntrWindow\_HwDeg\_f32==>Default
TS 2.18k\_AutoCntrLoSpdCntrWindow\_HwDeg\_f32==>Default
TS 2.18k\_AutoCntrLoSpdCntrWindow\_HwDeg\_f32==>Default
TS 2.19k\_AutoCntrLoSpdTimer1\_mS\_u16==>Min TS 2.10k\_AutoCntrLoSpdTimer1\_mS\_u16==>Min
TS 2.19k\_AutoCntrLoSpdTimer1\_mS\_u16==>Max
TS 2.20k\_AutoCntrLoSpdTimer1\_mS\_u16==>Pos/Default
TS 2.22k\_AutoCntrLoSpdTimer2\_mS\_u16==>Pos/Default
TS 2.22k\_AutoCntrLoSpdTimer2\_mS\_u16==>Min
TS 2.23k\_AutoCntrLoSpdTimer2\_mS\_u16==>Pos/Default
TS 2.24k\_AutoCntrLoSpdTimer2\_mS\_u16==>Pos/Default TS 2.25k\_AutoCntrLoSpdFilt1Kn\_Hz\_f32==>Min TS 2.26k\_AutoCntrLoSpdFilt1Kn\_Hz\_f32==>Max TS 2.27k\_AutoCntrLoSpdFilt1Kn\_Hz\_f32==>Pos TS 2.28k\_AutoCntrLoSpdFilt2Kn\_Hz\_f32==>Min TS 2.29k\_AutoCntrLoSpdFilt2Kn\_Hz\_f32==>Max
TS 2.30k\_AutoCntrLoSpdFilt2Kn\_Hz\_f32==>Pos/Default
TS 2.31k\_AutoCntrHiSpdTimer4MtrVel\_MtrRadpS\_f32==>Min TS 2.32k\_AutoCntrHiSpdTimer4MtrVel\_MtrRadpS\_f32==>Max
TS 2.33k\_AutoCntrHiSpdTimer4MtrVel\_MtrRadpS\_f32==>Pos TS 2.34k\_AutoCntrHiSpdTimer4MtrVel\_MtrRadpS\_f32==>Deafult TS 2.35k AutoCntrHiSpdTimer4VehSpd\_kph\_f32==>Min TS 2.36k AutoCntrHiSpdTimer4VehSpd\_kph\_f32==>Max TS 2.37k\_AutoCntrHiSpdTimer4VehSpd\_kph\_f32==>Pos TS 2.38k AutoCntrHiSpdTimer4VehSpd\_kph\_f32==>Default TS 2.39k\_AutoCntrHiSpdTimer4PinTrq\_HwNm\_f32==>Min TS 2.40k\_AutoCntrHiSpdTimer4PinTrq\_HwNm\_f32==>Max TS 2.41k\_AutoCntrHiSpdTimer4PinTrq\_HwNm\_f32==>Pos TS 2.42k\_AutoCntrHiSpdTimer4PinTrq\_HwNm\_f32==>Default TS 2.43k\_AutoCntrHiSpdTimer4CntrWindow\_HwDeg\_f32==>Min TS 2.44k\_AutoCntrHiSpdTimer4CntrWindow\_HwDeg\_f32==>Max TS 2.45k\_AutoCntrHiSpdTimer4CntrWindow\_HwDeg\_f32==>Pos TS 2.46k\_AutoCntrHiSpdTimer4CntrWindow\_HwDeg\_f32==>Default TS 2.47k\_AutoCntrHiSpdTimer1\_mS\_u16==>Min TS 2.48k\_AutoCntrHiSpdTimer1\_mS\_u16==>Max
TS 2.49k\_AutoCntrHiSpdTimer1\_mS\_u16==>Pos/Default
TS 2.50k\_AutoCntrHiSpdTimer4\_mS\_u16==>Min TS 2.51k\_AutoCntrHiSpdTimer4\_mS\_u16==>Max TS 2.52k\_AutoCntrHiSpdTimer4\_mS\_u16==>Pos/Default TS 2.53k AutoCntrHiSpdTimer1MtrVel MtrRadpS f32==>Min TS 2.54k\_AutoCntrHiSpdTimer1MtrVel\_MtrRadpS\_f32==>Max
TS 2.55k\_AutoCntrHiSpdTimer1MtrVel\_MtrRadpS\_f32==>Pos
TS 2.56k\_AutoCntrHiSpdTimer1MtrVel\_MtrRadpS\_f32==>Default TS 2.57k\_AutoCntrHiSpdTimer1VehSpd\_kph\_f32==>Min TS 2.58k\_AutoCntrHiSpdTimer1VehSpd\_kph\_f32==>Min TS 2.59k\_AutoCntrHiSpdTimer1VehSpd\_kph\_f32==>Pos TS 2.60k\_AutoCntrHiSpdTimer1VehSpd\_kph\_f32==>Deafult TS 2.61k\_AutoCntrHiSpdTimer1PinTrq\_HwNm\_f32==>Min TS 2.62k\_AutoCntrHiSpdTimer1PinTrq\_HwNm\_f32==>Max TS 2.63k\_AutoCntrHiSpdTimer1PinTrq\_HwNm\_f32==>Pos TS 2.64k\_AutoCntrHiSpdTimer1PinTrq\_HwNm\_f32==>Deafult TS 2.65k\_AutoCntrHiSpdCntrWindow\_HwDeg\_f32==>Min TS 2.66k\_AutoCntrHiSpdCntrWindow\_HwDeg\_f32==>Max TS 2.67k\_AutoCntrHiSpdCntrWindow\_HwDeg\_f32==>Pos TS 2.68k\_AutoCntrHiSpdCntrWindow\_HwDeg\_f32==>Default TS 2.69k\_AutoCntrHiSpdTimer2\_mS\_u16==>Min TS 2.70k\_AutoCntrHiSpdTimer2\_mS\_u16==>Max TS 2.71k\_AutoCntrHiSpdTimer2\_mS\_u16==>Pos/Default TS 2.72k\_AutoCntrHiSpdFilt1Kn\_Hz\_f32==>Min TS 2.73k, AutoCntrHiSpdFilt1Kn, Hz\_f32==>Max
TS 2.74k, AutoCntrHiSpdFilt1Kn, Hz\_f32==>Pos/Default
TS 2.75k, AutoCntrHiSpdFilt2Kn, Hz\_f32==>Min TS 2.76k\_AutoCntrHiSpdFilt2Kn\_Hz\_f32==>Max TS 2.77k\_AutoCntrHiSpdFilt2Kn\_Hz\_f32==>Pos
TS 2.78k\_AutoCntrPinTrqLPFCoeffKn\_Hz\_f32==>Min TS 2.78k\_AutoCntrPinTrqLPFCoeffKn\_Hz\_f32==>Min
TS 2.79k\_AutoCntrPinTrqLPFCoeffKn\_Hz\_f32==>Max
TS 2.80k\_AutoCntrPinTrqLPFCoeffKn\_Hz\_f32==>Pos
TS 2.81VehDyn\_PinTrqSV\_M\_Str.K==>Min
TS 2.82VehDyn\_PinTrqSV\_M\_Str.K==>Max
TS 2.83VehDyn\_PinTrqSV\_M\_Str.K==>Pos
TS 2.84Rte\_Pim\_MotPosReset.NVMStoredLastPosValid\_Cnt\_lgc = Min
TS 2.85Rte\_Pim\_MotPosReset.NVMStoredLastPosValid\_Cnt\_lgc = Max
TS 2.85Rte\_Pim\_MotPosReset.NVMStoredLastPosValid\_Cnt\_lgc = Max TS 2.86Ke\_Pim\_MotPosReset.NVMStoredLastPosValid\_Cnt\_igc = Ma TS 2.86K\_SLPEnableBFCheck\_Cnt\_igc = Min TS 2.87K\_SLPEnableBFCheck\_Cnt\_igc = Max TS 2.88K\_SLPHwAuthority\_Uls\_f32 = Min TS 2.89K\_SLPHwAuthority\_Uls\_f32 = Max TS 2.90K\_SLPHwAuthority\_Uls\_f32 = Pos/Default TS 2.91Rte\_Pim\_MotPosReset.NVMStoredLastPos\_HwDeg\_f32 = Min TS 2.92Rte\_Pim\_MotPosReset.NVMStoredLastPos\_HwDeg\_f32 = Max TS 2.93Rte\_Pim\_MotPosReset.NVMStoredLastPos\_HwDeg\_f32 = Zero TS 2.94Rte\_Pim\_MotPosReset.NVMStoredLastPos\_HwDeg\_f32 = Pos





TS 2.95Rte\_Pim\_MotPosReset.NVMStoredLastPos\_HwDeg\_f32 = Neg
TS 2.96k\_AutoCntrHiSpdTimer2\_mS\_u16==>Pos
TS 2.97k\_AutoCntrHiSpdFilt1Kn\_Hz\_f32==>Min
TS 2.98k\_AutoCntrHiSpdFilt1Kn\_Hz\_f32==>Max
TS 2.99Rte\_Call\_NxtrDiagMgr\_GetNTCActive=Min
TS 2.100 Rte\_Call\_NxtrDiagMgr\_GetNTCActive=Max

Test Step 2.1 (Repeat Count = 1)  Name	Input Value	
	tgt GetSystemTime mS u32 CurrentTime	
GetSystemTime_mS_u32(CurrentTime)		
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	0	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.000199999995	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.000199999995	
<_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	0	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	0	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	0	
k_AutoCntrHiSpdTimer1_mS_u16	0	
k_AutoCntrHiSpdTimer2_mS_u16	0	
<_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	0	
<_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	0	
<_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	0	
<_AutoCntrHiSpdTimer4VehSpd_kph_f32	0	
AutoCntrHiSpdTimer4 mS u16	0	
AutoCntrLoSpdCntrWindow_HwDeg_f32	0	
<pre>c_autoCntrLoSpdFilt1Kn_Hz_f32</pre>	0.000199999995	
<a href="AutoCntrLoSpdFilt2Kn_Hz_f32">AutoCntrLoSpdFilt2Kn_Hz_f32</a>	0.000199999995	
AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	0	
C_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	0	
	·	
<pre>c_AutoCntrLoSpdTimer1VehSpd_kph_f32</pre>	0	
<_AutoCntrLoSpdTimer1_mS_u16 <_AutoCntrLoSpdTimer2_mS_u16	•	
<_AutoCntrLoSpdTimer2_mS_u16	0	
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.000199999995	
<_SLPEnableBFCheck_Cnt_lgc	0	
CSLPHwAuthority_Uls_f32	0	
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-1600	
arget_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0	
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
gt_GetSystemTime_mS_u32_CurrentTime	0	
		Re
Name		Re
Name /ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	Actual Value         Expected Value           0         0 ± 0.2	Re
Name /ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	Actual Value         Expected Value           0         0 ± 0.2           0         0 ± 0.5	Re
Name /ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	Actual Value         Expected Value           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04	Re
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	Actual Value	Re
Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	Actual Value	Re
Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	Actual Value	Re
Name  /ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	Actual Value	Re
Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	Actual Value	Re
Name  /ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	Actual Value	Re
Vame  /ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	Actual Value	Re
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	Actual Value	Re
Name  /ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	Actual Value         Expected Value           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0 ± 2           0         0           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06	Re
Name  /ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	Actual Value         Expected Value           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0 ± 2           0         0           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.2	Re
Name  /ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	Actual Value         Expected Value           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0 ± 2           0         0           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.2           0         0 ± 0.2           0         0 ± 0.5	Re
Name  /ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	Actual Value         Expected Value           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0 ± 2           0         0           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.2           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04	Re
Name  /ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrHiSpd_M_str.NelHwPosFilt3Sy_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	Actual Value         Expected Value           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2	Re
Name  /ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrHiSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	Actual Value	Re
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	Actual Value         Expected Value           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2	Re
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.PittPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Nel-MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1_Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	Actual Value         Expected Value           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0           0         0	Re
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mR_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	Actual Value         Expected Value           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	Actual Value         Expected Value           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	Actual Value         Expected Value           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0 <td></td>	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	Actual Value         Expected Value           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.2           0         0 ± 0.2           0         0 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer3_mS_u32  VehDyn_AutoCntrHiSpd_M_str.	Actual Value         Expected Value           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0 ± 2           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.2           0         0 ± 0.04           0         0 ± 0.04           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.2           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.5           0         0 ± 0.5           0         0 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer3_mS_u32  VehDyn_AutoCntrHiSpd_M_str.	Actual Value         Expected Value           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.2           0         0 ± 0.2           0         0 ± 0.5	
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	Actual Value         Expected Value           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0 ± 2           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.2           0         0 ± 0.04           0         0 ± 0.04           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.2           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.5           0         0 ± 0.5           0         0 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	Actual Value         Expected Value           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0 ± 2           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 2           0         0 ± 2           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.5           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.04           0         0 ± 0.04           0         0 ± 0.05           0         0 ± 0.04           0         0 ± 0.0	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  /ehDyn_AutoCntrHiSpd_M_str.Str.IitPinTrq_HwNm_f32  /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  /ehDyn_AutoCntrLoSpd_M_str.WehSpd_kph_f32  /ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  /ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	Actual Value         Expected Value           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0 ± 2           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 2           0         0 ± 2           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.2           0         0 ± 0.2           0         0 ± 0.2           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.04           0         0 ± 0.04           0         0 ± 0.062	
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHoSpd_M_str.RelHwPosFilt3SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1_ms_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	Actual Value         Expected Value           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.2           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.2           0         0 ± 0.2           0         0 ± 0.0           0         0 ± 0.0           0         0 ± 0.0           0         0 ± 0.0           0         0 ± 0.0           0         0 ± 0.0           0         0 ± 0.0           0         0 ± 0.0           0         0 ± 0.0 <td></td>	
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHoSpd_M_str.WehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.WehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	Actual Value         Expected Value           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 0.2           0         0 ± 0.2           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.5           0         0 ± 0.5           0         0 ± 0.04           0 ± 0.04         0 ± 0.04           0 ± 2         0 ± 2           0         0 ± 2 </td <td></td>	
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.WehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	Actual Value         Expected Value           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 0.0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0 ± 2           0         0 ± 2           0 </td <td>Re</td>	Re
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u5  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.WehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCnt	Actual Value         Expected Value           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.2           0         0 ± 0.04           0         0 ± 0.04           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 0.2           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.5           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.04           0         0 ± 0.0625 <t< td=""><td></td></t<>	
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHoSpd_M_str.WehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.WehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	Actual Value         Expected Value           0         0 ± 0.2           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0           0         0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 2           0         0 ± 0.0           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           0         0 ± 0.5           0         0 ± 0.04           0         0 ± 0.04           0         0 ± 0.0625           0         0 ± 2           0         0 ± 2           0         0 ± 2           0 </td <td></td>	



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime mS u32	1	GetSystemTime mS u32	1	<b>✓</b>

Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
k AutoCntrHiSpdCntrWindow HwDeg f32	100	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.100000001	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.10000001	
k AutoCntrHiSpdTimer1MtrVel MtrRadpS f32	700	
	20	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32 k_AutoCntrHiSpdTimer1VehSpd_kph_f32	255	
k AutoCntrHiSpdTimer1 mS u16	60000	
k AutoCntrHiSpdTimer2 mS u16	60000	
k_AutoCntrHiSpdTimer4CntrWindow HwDeg f32	100	
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	700	
- : : : : : : - : - : -	20	
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	255	
k_AutoCntrHiSpdTimer4VehSpd_kph_f32		
k_AutoCntrHiSpdTimer4_mS_u16	60000	
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	100	
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.10000001	
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.100000001	
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	700	
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	20	
<_AutoCntrLoSpdTimer1VehSpd_kph_f32	255	
<_AutoCntrLoSpdTimer1_mS_u16	60000	
k_AutoCntrLoSpdTimer2_mS_u16	60000	
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.100000001	
k_SLPEnableBFCheck_Cnt_lgc	1	
c_SLPHwAuthority_Uls_f32	1	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1600	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgo	1	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
tgt_GetSystemTime_mS_u32_CurrentTime	4294967295	
Name	Actual Value Expected Value	Res
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	700	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	255 ± 0.5	
	255 $255 \pm 0.5$ $20 \pm 0.04$	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32		
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	20 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20 20 ± 0.04 100 100 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	20 20 ± 0.04 100 100 ± 0.0625 60000 60000 ± 2	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	20     20 ± 0.04       100     100 ± 0.0625       60000     60000 ± 2       60000     60000 ± 2	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	$\begin{array}{cccc} 20 & & & & & & \\ 100 & & & & & \\ 100 \pm 0.0625 & & \\ 60000 & & & & \\ 60000 \pm 2 & & \\ 60000 & & & \\ 4294967295 & & & \\ 4294967295 & & \\ \end{array}$	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
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VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.NtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.PiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	$\begin{array}{c} 20 \\ 100 \\ 100 \\ 100 \pm 0.0625 \\ 60000 \\ 60000 \pm 2 \\ 60000 \\ 60000 \pm 2 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 0.00125586987 \\ 0.00125586987 \\ 700 \\ 700 \pm 0.2 \\ 255 \\ 20 \\ 20 \pm 0.04 \\ 100 \\ 60000 \\ 60000 \pm 2 \\ 4294967295 \\ 0.00125586987 \\ 0.00125584786 \pm 1.25663627181805E-06 \\ 700 \\ 700 \pm 0.2 \\ 255 \\ 20 \\ 20 \pm 0.04 \\ 100 \\ 60000 \\ 60000 \pm 2 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 0.00125586987 \\ $	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.WehSpd_kpf_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kpf_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	$\begin{array}{c} 20 \\ 100 \\ 100 \\ 100 \\ 100 \pm 0.0625 \\ 60000 \\ 60000 \pm 2 \\ 60000 \\ 60000 \pm 2 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 0.00125586987 \\ 0.00125586987 \\ 0.00125584786 \pm 1.25663627181805E-06 \\ 700 \\ 700 \pm 0.2 \\ 255 \\ 20 \\ 20 \pm 0.04 \\ 100 \\ 100 \\ 60000 \\ 60000 \pm 2 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 0.00125586987 \\ 0.0012$	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	$\begin{array}{c} 20 \\ 100 \\ 100 \\ 100 \\ 100 \pm 0.0625 \\ 60000 \\ 60000 \pm 2 \\ 60000 \\ 60000 \pm 2 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 0.00125586987 \\ 0.00125584786 \pm 1.25663627181805E-06 \\ 700 \\ 700 \pm 0.2 \\ 255 \\ 20 \\ 20 \pm 0.04 \\ 100 \\ 100 \pm 0.0625 \\ 60000 \\ 60000 \pm 2 \\ 4294967295 \\ 4294967295 \\ 0.00125586987 \\ 0.00125584786 \pm 1.25663627181805E-06 \\ 700 \\ 700 \pm 0.2 \\ 255 \\ 20 \\ 20 \pm 0.04 \\ 100 \\ 100 \pm 0.0625 \\ 60000 \\ 60000 \pm 2 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 0.00125586987 \\ 0.00125586987 \\ 0.00125586987 \\ 0.00125584786 \pm 1.25663627181805E-06 \\ 0.00125586987 \\ 0.001258698$	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	$\begin{array}{c} 20 \\ 100 \\ 100 \\ 100 \pm 0.0625 \\ 60000 \\ 60000 \pm 2 \\ 60000 \\ 60000 \pm 2 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 0.00125586987 \\ 0.00125586987 \\ 0.00125584786 \pm 1.25663627181805E-06 \\ 700 \\ 700 \pm 0.2 \\ 255 \\ 20 \\ 20 \pm 0.04 \\ 100 \\ 60000 \\ 60000 \pm 2 \\ 4294967295 \\ 4294967295 \\ 0.00125586987 \\ 0.00125584786 \pm 1.25663627181805E-06 \\ 700 \\ 700 \pm 0.2 \\ 255 \\ 20 \\ 20 \pm 0.04 \\ 100 \\ 60000 \\ 60000 \pm 2 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 0.00125586987 \\ 0.00125586987 \\ 0.00125586987 \\ 0.00125584786 \pm 1.25663627181805E-06 \\ 0.00125586987 \\ 0.00125586987 \\ 0.00125586987 \\ 0.00125586987 \\ 0.00125584786 \pm 1.25663627181805E-06 \\ 0.00125586987 \\ 0.001255869$	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	$\begin{array}{c} 20 \\ 100 \\ 100 \\ 100 \\ 100 \pm 0.0625 \\ 60000 \\ 60000 \pm 2 \\ 60000 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 0.00125586987 \\ 0.00125586987 \\ 0.00125584786 \pm 1.25663627181805E-06 \\ 700 \\ 700 \pm 0.2 \\ 255 \\ 20 \\ 20 \pm 0.04 \\ 100 \\ 60000 \\ 60000 \pm 2 \\ 4294967295 \\ 4294967295 \\ 0.00125586987 \\ 0.00125584786 \pm 1.25663627181805E-06 \\ 700 \\ 700 \pm 0.2 \\ 255 \\ 20 \\ 20 \pm 0.04 \\ 100 \\ 60000 \\ 60000 \pm 2 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 0.00125586987 \\ 0.00125586987 \\ 0.00125586987 \\ 0.00125586987 \\ 0.00125584786 \pm 1.25663627181805E-06 \\ 0.00125586987 \\ 0.001255869$	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiitPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u36  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	$\begin{array}{c} 20 \\ 100 \\ 100 \\ 100 \\ 100 \pm 0.0625 \\ 60000 \\ 60000 \pm 2 \\ 60000 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 0.00125586987 \\ 0.00125586987 \\ 0.00125584786 \pm 1.25663627181805E-06 \\ 700 \\ 700 \pm 0.2 \\ 255 \\ 20 \\ 20 \pm 0.04 \\ 100 \\ 60000 \\ 60000 \pm 2 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 0.00125586987 \\ 0.0125584786 \pm 1.25663627181805E-06 \\ 700 \\ 700 \pm 0.2 \\ 255 \\ 20 \\ 20 \pm 0.04 \\ 100 \\ 100 \pm 0.0625 \\ 60000 \\ 60000 \pm 2 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 0.00125586987 \\ 0.00125586987 \\ 0.00125586987 \\ 0.00125584786 \pm 1.25663627181805E-06 \\ 700 \\ 700 \pm 0.2 \\ 255 \\ 20 \\ 20 \pm 0.04 \\ 100 \\ 100 \pm 0.0625 \\ 60000 \\ 60000 \pm 2 \\ 4294967295 \\ 429496729$	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt3SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt3SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt3SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt3SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt3SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt3SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt3SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	$\begin{array}{c} 20 \\ 100 \\ 100 \\ 100 \\ 100 \pm 0.0625 \\ 60000 \\ 60000 \pm 2 \\ 60000 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 0.00125586987 \\ 0.00125586987 \\ 0.00125584786 \pm 1.25663627181805E-06 \\ 700 \\ 700 \pm 0.2 \\ 255 \\ 20 \\ 20 \pm 0.04 \\ 100 \\ 60000 \\ 60000 \pm 2 \\ 4294967295 \\ 4294967295 \\ 0.00125586987 \\ 0.00125584786 \pm 1.25663627181805E-06 \\ 700 \\ 700 \pm 0.2 \\ 255 \\ 20 \\ 20 \pm 0.04 \\ 100 \\ 60000 \\ 60000 \pm 2 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 4294967295 \\ 0.00125586987 \\ 0.00125586987 \\ 0.00125586987 \\ 0.00125586987 \\ 0.00125584786 \pm 1.25663627181805E-06 \\ 0.00125586987 \\ 0.001255869$	

VehDyn\_Init1





Name	Actual Value	Expected Value	Result
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00125586987	0.00125584786 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn SLPHwPos HwDeg M f32	0	0	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>

Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt GetSystemTime mS u32 CurrentTime		
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActiv	re NTCActive Ptr T lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k AutoCntrHiSpdCntrWindow HwDeg f32	16.8675175		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00499999989		
k AutoCntrHiSpdFilt2Kn Hz f32	0.00779999979		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	511.249969		
k AutoCntrHiSpdTimer1PinTrg HwNm f32	2.49991417		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	119.398392		
k_AutoCntrHiSpdTimer1_mS_u16	19956		
k AutoCntrHiSpdTimer2 mS u16	1111		
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	47.1357269		
<pre>data</pre>	577.715271		
<pre>dutoCntrHiSpdTimer4PinTrq_HwNm_f32</pre>	18.6059322		
<pre>c_autoCntrHiSpdTimer4VehSpd_kph_f32</pre>	69.9332428		
k_AutoCntrHiSpdTimer4_mS_u16	47307		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	97.2305069		
C_AutoOntrLoSpdFilt1Kn_Hz_f32	0.0350000001		
k AutoCntrLoSpdFilt2Kn Hz f32	0.0649999976		
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	0		
<_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	16.4742603		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	113.628799		
k_AutoCntrLoSpdTimer1_mS_u16	49475		
< AutoCntrLoSpdTimer2 mS u16	38708		
k AutoCntrPinTrqLPFCoeffKn Hz f32	0.00499999989		
SLPEnableBFCheck Cnt Igc	0		
<_SLPHwAuthority_Uls_f32	0.00120000006		
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	1425.14795		
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1		
target_r int_work ostveset.tvvwlotoredcastr osvaild_crit_ige target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0		
target_Rte_Inst_Ap_vehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	1720406272		
		I Value	D
Name	Actual Value Expected		Resu
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	577.715271 577.71527		
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	69.9332428 69.933242		
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.6059322 18.605932		
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	47.1357269 47.135726	9 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	19956 ± 2		
	47307 47307±2		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1720406272 172040627		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1720406272     172040627       1720406272     172040627	'2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	1720406272     172040627       1720406272     172040627       0.000439703465     0.000439703465	2 26253 ± 1.25663627181805E-06	,
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	1720406272     172040627       1720406272     172040627       0.000439703465     0.0004397       0.000816464424     0.0008164	72 26253 ± 1.25663627181805E-06 80606 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	1720406272     172040627       1720406272     172040627       0.000439703465     0.0004397       0.000816464424     0.0008164       511.249969     511.249969	72 26253 ± 1.25663627181805E-06 80606 ± 1.25663627181805E-06 9 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	1720406272     1720406272       1720406272     1720406272       0.000439703465     0.0008164       511.249969     511.24996       119.398392     119.398392	72 26253 ± 1.25663627181805E-06 80606 ± 1.25663627181805E-06 9 ± 0.2 2 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	1720406272     1720406272       1720406272     1720406272       0.000439703465     0.0004397       0.000816464424     0.008164       511.249969     511.24996       119.398392     119.39839       2.49991417     2.49991417	72 26253 ± 1.25663627181805E-06 80606 ± 1.25663627181805E-06 9 ± 0.2 2 ± 0.5 7 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	1720406272     1720406272       1720406272     1720406272       0.000439703465     0.0004397       0.000816464424     0.0008164       511.249969     511.24996       119.398392     119.39839       2.49991417     2.4999141       16.8675175     16.867517	72 26253 ± 1.25663627181805E-06 80606 ± 1.25663627181805E-06 9 ± 0.2 2 ± 0.5 7 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	1720406272     1720406272       1720406272     1720406272       0.000439703465     0.0004397       0.000816464424     0.0008164       511.249969     511.24996       119.398392     119.39839       2.49991417     2.4999141       16.8675175     16.8675175       19956     19956 ± 2	72 26253 ± 1.25663627181805E-06 80606 ± 1.25663627181805E-06 9 ± 0.2 2 ± 0.5 7 ± 0.04	
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	1720406272     1720406272       1720406272     1720406272       0.000439703465     0.0004397       0.000816464424     0.0008164       511.249969     511.24996       119.398392     119.39839       2.49991417     2.4999141       16.8675175     16.8675175       19956     19956 ± 2       1111     1111 ± 2	72 26253 ± 1.25663627181805E-06 80606 ± 1.25663627181805E-06 9 ± 0.2 2 ± 0.5 7 ± 0.04 5 ± 0.0625	
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	1720406272     1720406272       1720406272     1720406272       0.000439703465     0.0008164       511.249969     511.24996       119.398392     119.39839       2.49991417     2.4999141       16.8675175     16.8675175       19956     19956 ± 2       1111     1111 ± 2       1720406272     1720406272	72 26253 ± 1.25663627181805E-06 80606 ± 1.25663627181805E-06 9 ± 0.2 2 ± 0.5 7 ± 0.04 5 ± 0.0625	
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1720406272     1720406272       1720406272     1720406272       0.000439703465     0.0004397       0.000816464424     0.0008164       511.249969     511.24996       119.398392     119.39839       2.49991417     2.4999141       16.8675175     16.867517       19956     19956 ± 2       1111     1111 ± 2       1720406272     172040627       1720406272     172040627	72 26253 ± 1.25663627181805E-06 80606 ± 1.25663627181805E-06 9 ± 0.2 2 ± 0.5 7 ± 0.04 5 ± 0.0625	
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1720406272     1720406272       1720406272     1720406272       0.000439703465     0.0004397       0.000816464424     0.0008164       511.249969     511.24996       119.398392     119.39839       2.49991417     2.4999141       16.8675175     16.867517       19956     19956 ± 2       1111     1111 ± 2       1720406272     172040627       1720406272     172040627	72 26253 ± 1.25663627181805E-06 80606 ± 1.25663627181805E-06 9 ± 0.2 2 ± 0.5 7 ± 0.04 5 ± 0.0625	
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	1720406272     1720406272       1720406272     1720406272       0.000439703465     0.0004397       0.000816464424     0.0008164       511.249969     511.24996       119.398392     119.39839       2.49991417     2.4999141       16.8675175     16.867517       19956     19956 ± 2       1111     1111 ± 2       1720406272     172040627       6.28232956e-005     6.2829880	72 26253 ± 1.25663627181805E-06 80606 ± 1.25663627181805E-06 9 ± 0.2 2 ± 0.5 7 ± 0.04 5 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	1720406272     1720406272       1720406272     1720406272       0.000439703465     0.0004397       0.000816464424     0.0008164       511.249969     511.24996       119.398392     119.39839       2.49991417     2.4999141       16.8675175     16.867517       19956     19956 ± 2       1111     1111 ± 2       1720406272     172040627       6.28232956e-005     6.2829880	72 26253 ± 1.25663627181805E-06 80606 ± 1.25663627181805E-06 9 ± 0.2 2 ± 0.5 7 ± 0.04 5 ± 0.0625 72 72 72 73 74 75 76 76 76 76 76 77 76 76 76 76	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	1720406272     1720406272       1720406272     1720406272       0.000439703465     0.0008164       511.249969     511.24996       119.398392     119.39839       2.49991417     2.4999141       16.8675175     16.8675175       19956     19956 ± 2       1111     1111 ± 2       1720406272     172040627       1720406272     172040627       6.28232956e-005     6.2829880       9.7990036e-005     9.8012889	72 26253 ± 1.25663627181805E-06 80606 ± 1.25663627181805E-06 9 ± 0.2 2 ± 0.5 7 ± 0.04 5 ± 0.0625 72 22 36-005 ± 1.25663627181805E-06 86-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1720406272     1720406272       1720406272     1720406272       0.000439703465     0.0008164       511.249969     511.24996       119.398392     119.39839       2.49991417     2.4999141       16.8675175     16.8675175       19956     19956 ± 2       1111     1111 ± 2       1720406272     172040627       1720406272     172040627       6.28232956e-005     6.2829880       9.7990036e-005     9.8012889       0     0 ± 0.2	72 26253 ± 1.25663627181805E-06 80606 ± 1.25663627181805E-06 9 ± 0.2 2 ± 0.5 7 ± 0.04 5 ± 0.0625 72 72 72 38-005 ± 1.25663627181805E-06 88-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	1720406272       1720406272         1720406272       1720406272         0.000439703465       0.0004397         0.000816464424       0.0008164         511.249969       511.24996         119.398392       119.39839         2.49991417       2.4999141         16.8675175       16.867517         19956       19956 ± 2         1111       1111 ± 2         1720406272       172040627         1720406272       172040627         6.28232956e-005       6.2829880         9.7990036e-005       9.8012889         0       0 ± 0.2         113.628799       113.62879	72 26253 ± 1.25663627181805E-06 80606 ± 1.25663627181805E-06 9 ± 0.2 2 ± 0.5 7 ± 0.04 5 ± 0.0625 72 23 26-005 ± 1.25663627181805E-06 8e-005 ± 1.25663627181805E-06 9 ± 0.5 3 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1720406272     1720406272       1720406272     1720406272       0.000439703465     0.0008164       511.249969     511.24996       119.398392     119.39839       2.49991417     2.4999141       16.8675175     16.867517       19956     19956 ± 2       1111     1111 ± 2       1720406272     172040627       1720406272     172040627       6.28232956e-005     6.2829880       9.7990036e-005     9.8012889       0     0 ± 0.2       113.628799     113.62879       16.4742603     16.4742603	72 26253 ± 1.25663627181805E-06 80606 ± 1.25663627181805E-06 9 ± 0.2 2 ± 0.5 7 ± 0.04 5 ± 0.0625 72 23 26-005 ± 1.25663627181805E-06 8e-005 ± 1.25663627181805E-06 9 ± 0.5 3 ± 0.04	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1720406272	1720406272	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1720406272	1720406272	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439726253 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000816464424	0.000816480606 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0.00120000006	0.00120000006	~
VehDyn_SLPHwPos_HwDeg_M_f32	1425.14795	1425.14795	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•

Test Step 2.4 (Repeat Count = 1)	Input Value	
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	95.4768982	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00899999961	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00899999961	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	202.264374	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	16.9387646	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	125.628113	
k_AutoCntrHiSpdTimer1_mS_u16	27095	
k_AutoCntrHiSpdTimer2_mS_u16	2222	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	45.5802307	
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	107.436508	
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	10.2259359	
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	172.71106	
k_AutoCntrHiSpdTimer4_mS_u16	28327	
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	94.2382813	
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0560000017	
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0344000012	
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	700	
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	1.05551898	
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	69.8743896	
k_AutoCntrLoSpdTimer1_mS_u16	43128	
k_AutoCntrLoSpdTimer2_mS_u16	58869	
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0089999961	
k_SLPEnableBFCheck_Cnt_lgc	1	
k_SLPHwAuthority_Uls_f32	0.00779999979	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1401.11499	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0	
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
tgt_GetSystemTime_mS_u32_CurrentTime	2659241984	
Name	Actual Value Expected Value	Resu
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	107.436508 107.436508 ± 0.2	11000
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	172.71106 172.71106 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.2259359 10.2259359 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	45.5802307 45.5802307 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	27095 27095 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	28327 28327 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2659241984 2659241984	
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	2659241984 2659241984	
· - · ·		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000703454018	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000432193279	10
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	202.264374 202.264374 ± 0.2	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	125.628113	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.9387646 ± 0.04	
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	95.4768982 95.4768982 ± 0.0625	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	27095 27095 ± 2	-
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	2222 2222 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2659241984 2659241984	- '
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2659241984 2659241984	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011 0.000113090937 ± 1.25663627181805E-0	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011 0.000113090937 ± 1.25663627181805E-0	
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	700	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	69.8743896 ± 0.5	

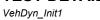




Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1.05551898	1.05551898 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	94.2382813	94.2382813 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43128	43128 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	58869	58869 ± 2	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2659241984	2659241984	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2659241984	2659241984	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000703454018	0.00070346921 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000432193279	0.000432189729 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	•

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	

Fest Step 2.5 (Repeat Count = 1)	Input Value	
	·	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
x_AutoCntrHiSpdCntrWindow_HwDeg_f32	33.3349724	
x_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0250000004	
x_AutoCntrHiSpdFilt2Kn_Hz_f32	0.029999993	
x_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	59.5372696	
x_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	4.59798193	
x_AutoCntrHiSpdTimer1VehSpd_kph_f32	156.923325	
x_AutoCntrHiSpdTimer1_mS_u16	55627	
x_AutoCntrHiSpdTimer2_mS_u16	3333	
:_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	35.0511017	
x_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	556.066528	
C_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	20	
x_AutoCntrHiSpdTimer4VehSpd_kph_f32	255	
:_AutoCntrHiSpdTimer4_mS_u16	4578	
:_AutoCntrLoSpdCntrWindow_HwDeg_f32	100	
:_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0670000017	
_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0458000004	
:_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	182.050003	
_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	10.878334	
:_AutoCntrLoSpdTimer1VehSpd_kph_f32	223.371994	
_AutoCntrLoSpdTimer1_mS_u16	53759	
:_AutoCntrLoSpdTimer2_mS_u16	18715	
_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0250000004	
_SLPEnableBFCheck_Cnt_lgc	0	
_SLPHwAuthority_Uls_f32	0.0143999998	
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1377.08203	
arget_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	
arget_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0	
arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
gt_GetSystemTime_mS_u32_CurrentTime	2942063360	
Name	Actual Value Expected Value	Res
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	556.066528 556.066528 ± 0.2	1100
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	255 255 255 ± 0.5	
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	20 20 ± 0.04	
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	35.0511017 35.0511017 ± 0.0625	
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	55627 55627 ± 2	
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	4578 4578 ± 2	
/ehDyn AutoCntrDetSpd M str.Timer2 mS u32		
	2942063360 2942063360 2942063360 2942063360	
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0.000841617584	
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32		_
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32		
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	59.5372696 59.5372696 ± 0.2	
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	156.923325	
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.59798193 4.59798193 ± 0.04	
	33.3349724 ± 0.0625	
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32		1
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	55627 55627 ± 2	
, - ,	3333 3333 ± 2 2942063360 2942063360	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000376939774	0.00037692007 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	182.050003	182.050003 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	223.371994	223.371994 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.878334	10.878334 ± 0.04	•
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	100	100 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53759	53759 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	18715	18715 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2942063360	2942063360	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2942063360	2942063360	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000841617584	0.000841592497 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575374172 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0.0143999998	0.0143999998	~
VehDyn_SLPHwPos_HwDeg_M_f32	1377.08203	1377.08203	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	

Test Step 2.6 (Repeat Count = 1)		9
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	85.3555756	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00200000009	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00899999961	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	192.424347	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	1.4601928	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	193.415466	
k_AutoCntrHiSpdTimer1_mS_u16	37774	
k_AutoCntrHiSpdTimer2_mS_u16	19998	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	50.4557152	
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	578.624756	
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	10.2086525	
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	182.197632	
k_AutoCntrHiSpdTimer4_mS_u16	27106	
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	56.4612427	
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00899999961	
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00899999961	
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	30	
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	3	
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	123.501587	
k_AutoCntrLoSpdTimer1_mS_u16	29729	
k_AutoCntrLoSpdTimer2_mS_u16	2000	
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00200000009	
k_SLPEnableBFCheck_Cnt_lgc	1.	
k_SLPHwAuthority_Uls_f32	0.113399997	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1016.58698	
arget_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0	
arget_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1.	
arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
tgt_GetSystemTime_mS_u32_CurrentTime	2728878080	
Name	Actual Value Expected Value	Resu
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	578.624756 578.624756 ± 0.2	
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	182.197632 182.197632 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.2086525 ± 0.04	
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	50.4557152 50.4557152 ± 0.0625	
VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	37774 ± 2	
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	27106 ± 2	
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2728878080 2728878080	
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2728878080 2728878080	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011 0.000113090937 ± 1.25663627181805E-0	6
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011 0.000113090937 ± 1.25663627181805E-0	
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	192.424347 192.424347 ± 0.2	
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	193.415466 ± 0.5	
VehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	1.4601928 ± 0.04	
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	85.3555756 ± 0.0625	

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VehDyn\_Init1



Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	37774	37774 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	19998	19998 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2728878080	2728878080	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2728878080	2728878080	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	30	30 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	123.501587	123.501587 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3	3 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	56.4612427	56.4612427 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	29729	29729 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	2000	2000 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2728878080	2728878080	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2728878080	2728878080	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Name	Input Value	
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte Inst Ap VehDyn	target_Rte_Inst_Ap_VehDyn_2	
καυτοCntrHiSpdCntrWindow HwDeg f32	96.3896027	
<_AutoOntrHiSpdFilt1Kn_Hz_f32	0.063000001	
< AutoCntrHiSpdFilt2Kn Hz f32	0.0458000004	
AutoCntrHiSpdTimer1MtrVel MtrRadpS f32	498.457764	
<_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	20	
	153.084564	
<_AutoCntrHiSpdTimer1VehSpd_kph_f32 < AutoCntrHiSpdTimer1 mS u16	26438	
	1 11	
<_AutoCntrHiSpdTimer2_mS_u16 <_AutoCntrHiSpdTimer2_mS_u16	4444	
<_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	4.91284609	
<_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	300.483093	
<_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	0.609106064	
<_AutoCntrHiSpdTimer4VehSpd_kph_f32	97.2060852	
<_AutoCntrHiSpdTimer4_mS_u16	14136	
x_AutoCntrLoSpdCntrWindow_HwDeg_f32	84.7982025	
x_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00600000005	
x_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00499999989	
x_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	202	
x_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	15.8976202	
x_AutoCntrLoSpdTimer1VehSpd_kph_f32	0	
<_AutoCntrLoSpdTimer1_mS_u16	13352	
<_AutoCntrLoSpdTimer2_mS_u16	14442	
<_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.063000001	
<pre>c_SLPEnableBFCheck_Cnt_lgc</pre>	1	
CSLPHwAuthority_Uls_f32	0.0209999997	
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1353.04895	
arget_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0	
arget_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1	
arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
gt_GetSystemTime_mS_u32_CurrentTime	1117112832	
Name	Actual Value Expected Value	Res
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	300.483093 300.483093 ± 0.2	
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	97.2060852 ± 0.5	
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0.609106064 ± 0.04	
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	4.91284609 ± 0.0625	
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	26438 ± 2	
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	14136 ± 2	
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1117112832 1117112832	
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1117112832 1117112832	
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.53998756e-005 7.53953791e-005 ± 1.25663627181805E-0	16
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-0	
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	498.457764 498.457764 ± 0.2	
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	153.084564 153.084564 ± 0.5	
/ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	20 20 ± 0.04	
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.3896027 96.3896027 ± 0.0625	
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	26438 26438 ± 2	
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	4444 ± 2	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1117112832	1117112832	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1117112832	1117112832	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575374172 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	202	202 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0	0 ± 0.5	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	15.8976202	15.8976202 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	84.7982025	84.7982025 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352	13352 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442	14442 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1117112832	1117112832	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1117112832	1117112832	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53953791e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

est Step 2.8 (Repeat Count = 1)			
ame	Input Value		
etSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
te_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc		
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
_AutoCntrHiSpdCntrWindow_HwDeg_f32	94.2766724		
_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00600000005		
_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0049999989		
_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	332.416168		
_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	6.68982124		
_AutoCntrHiSpdTimer1VehSpd_kph_f32	198.46022		
_AutoCntrHiSpdTimer1_mS_u16	46033		
_AutoCntrHiSpdTimer2_mS_u16	5555		
_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	97.4420471		
_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	381.251129		
_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	20		
_AutoCntrHiSpdTimer4VehSpd_kph_f32	93.5331573		
_AutoCntrHiSpdTimer4_mS_u16	1778		
_AutoCntrLoSpdCntrWindow_HwDeg_f32	41.3416519		
_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00779999979		
_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0089999961		
_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	211		
_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	16.8140659		
_AutoCntrLoSpdTimer1VehSpd_kph_f32	255		
_AutoCntrLoSpdTimer1_mS_u16	21364		
_AutoCntrLoSpdTimer2_mS_u16	52716		
_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00600000005		
_SLPEnableBFCheck_Cnt_lgc	0		
_SLPHwAuthority_Uls_f32	0.0275999997		
rget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1329.01599		
rget_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
rget_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1		
rget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
t_GetSystemTime_mS_u32_CurrentTime	1736795392		
ame	Actual Value Expected Value	Resu	
ehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	381.251129 381.251129 ± 0.2		
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	93.5331573 93.5331573 ± 0.5		
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	20 ± 0.04		
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	97.4420471 97.4420471 ± 0.0625		
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	46033 ± 2		
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	1778 ± 2		
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1736795392 1736795392		
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1736795392 1736795392		
ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	9.7990036e-005 9.80128898e-005 ± 1.25663627181805E-06		
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011 0.000113090937 ± 1.25663627181805E-06		
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	332.416168 ± 0.2		





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6.68982124	6.68982124 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	94.2766724	94.2766724 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	46033	46033 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	5555	5555 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1736795392	1736795392	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1736795392	1736795392	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53953791e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	211	211 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	255	255 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.8140659	16.8140659 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.3416519	41.3416519 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21364	21364 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52716	52716 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1736795392	1736795392	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1736795392	1736795392	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.80128898e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	7.53998756e-005	7.53953791e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.0275999997	0.0275999997	~
VehDyn SLPHwPos HwDeg M f32	1329.01599	1329.01599	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>

Name	Input Value		
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 CurrentTime		
Rte Call Ap VehDyn NxtrDiagMgr GetNTCActive(NTCActive Ptr T lgc)	target Rte Call Ap VehDyn NxtrDiagMgr	GetNTCActive NTCActive Ptr T lac	
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn 2	Gent1 6/16/10/10/10/10/10/10/10	
k AutoCntrHiSpdCntrWindow HwDeg f32	88.6500702		
k AutoCntrHiSpdFilt1Kn Hz f32	0.00779999979		
k AutoCntrHiSpdFilt2Kn Hz f32	0.00899999961		
k AutoCntrHiSpdTimer1MtrVel MtrRadpS f32	138.568741		
k AutoCntrHiSpdTimer1PinTrg HwNm f32	6.97866201		
k AutoCntrHiSpdTimer1VehSpd kph f32	72.755127		
k AutoCntrHiSpdTimer1 mS u16	7415		
k AutoCntrHiSpdTimer2 mS u16	6666		
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	59.698616		
k AutoCntrHiSpdTimer4MtrVel MtrRadpS f32	50.0811806		
k AutoCntrHiSpdTimer4PinTrg HwNm f32	17.8322964		
k AutoCntrHiSpdTimer4VehSpd kph f32	117.223816		
k AutoCntrHiSpdTimer4 mS u16	16156		
k AutoCntrLoSpdCntrWindow HwDeg f32	81.3328171		
k AutoCntrLoSpdFilt1Kn Hz f32	0.00899999961		
k AutoCntrLoSpdFilt2Kn Hz f32	0.0250000004		
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	543		
k AutoCntrLoSpdTimer1PinTrq HwNm f32	6.82931423		
k AutoCntrLoSpdTimer1VehSpd kph f32	199.050003		
k AutoCntrLoSpdTimer1 mS u16	33198		
k AutoCntrLoSpdTimer2 mS u16	7778		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00779999979		
k_SLPEnableBFCheck_Cnt_lgc	1		
k SLPHwAuthority Uls f32	0.0342000015		
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	1304.98303		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	3437401088		
Name	Actual Value	Expected Value	Resul
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	50.0811806	50.0811806 ± 0.2	
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	117.223816	117.223816 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	17.8322964	17.8322964 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	59.698616	59.698616 ± 0.0625	,
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7415	7415 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	16156	16156 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3437401088	3437401088	
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	3437401088	3437401088	



Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	138.568741	138.568741 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	72.755127	72.755127 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6.97866201	6.97866201 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	88.6500702	88.6500702 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	7415	7415 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	6666	6666 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3437401088	3437401088	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3437401088	3437401088	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.80128898e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	543	543 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	199.050003	199.050003 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.82931423	6.82931423 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	81.3328171	81.3328171 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	33198	33198 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	7778	7778 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3437401088	3437401088	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3437401088	3437401088	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	9.7990036e-005	9.80128898e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>

Name	Input Value		
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 CurrentTime		
Rte Call Ap VehDyn NxtrDiagMgr GetNTCActive(NTCActive Ptr T Igc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr		
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn 2	_GettV1 GAettVe_1V1 GAettVe_1 tt_1_ige	
k AutoCntrHiSpdCntrWindow HwDeg f32	65.7764893		
k AutoCntrHiSpdFilt1Kn Hz f32	0.0250000004		
k AutoCntrHiSpdFilt2Kn Hz f32	0.0320999995		
k AutoCntrHiSpdTimer1MtrVel MtrRadpS f32	152.768814		
k AutoCntrHiSpdTimer1PinTrg HwNm f32	15.771925		
k AutoCntrHiSpdTimer1VehSpd kph f32	73.3210144		
k AutoCntrHiSpdTimer1 mS u16	14150		
k AutoCntrHiSpdTimer2 mS u16	13332		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	89.3387299		
k AutoCntrHiSpdTimer4MtrVel MtrRadpS f32	668.902588		
k AutoCntrHiSpdTimer4PinTrg HwNm f32	20		
k AutoCntrHiSpdTimer4VehSpd kph f32	32.1202698		
k_AutoCntrHiSpdTimer4_mS_u16	40995		
k AutoCntrLoSpdCntrWindow HwDeg f32	67.0500031		
k AutoCntrLoSpdFilt1Kn Hz f32	0.063000001		
k AutoCntrLoSpdFilt2Kn Hz f32	0.039999991		
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	290		
k AutoCntrLoSpdTimer1PinTrg HwNm f32	8.74961567		
k AutoCntrLoSpdTimer1VehSpd kph f32	20		
k AutoCntrLoSpdTimer1 mS u16	3658		
k AutoCntrLoSpdTimer2 mS u16	5853		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0250000004		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.0737999976		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1160.78503		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	: 1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	4243378688		
Name	Actual Value	Expected Value	Resul
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	668.902588	668.902588 ± 0.2	
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	32.1202698	32.1202698 ± 0.5	
VehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	20	20 ± 0.04	
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	89.3387299	89.3387299 ± 0.0625	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	14150	14150 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	40995	40995 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4243378688	4243378688	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4243378688	4243378688	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00050252676	0.000502528506 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	152.768814	152.768814 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	73.3210144	73.3210144 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	15.771925	15.771925 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	65.7764893	65.7764893 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	14150	14150 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	13332	13332 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4243378688	4243378688	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4243378688	4243378688	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403299142 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	290	290 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	20	20 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.74961567	8.74961662 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	67.0500031	67.0500031 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	3658	3658 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	5853	5853 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4243378688	4243378688	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4243378688	4243378688	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00050252676	0.000502528506 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime mS u32	1	GetSystemTime mS u32	1	<b>✓</b>



Test Step 2.11 (Repeat Count = 1)			V	
Name	Input Value			
GetSystemTime_mS_u32(CurrentTime)	•	tgt_GetSystemTime_mS_u32_CurrentTime		
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_	GetNTCActive NTCActive Ptr T Igc		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2			
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	8.86355877			
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00899999961			
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0250000004			
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	123.465202			
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	10.8994331			
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	82.6047821			
k_AutoCntrHiSpdTimer1_mS_u16	14014			
k_AutoCntrHiSpdTimer2_mS_u16	7777			
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	27.8338795			
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	39.6259003			
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	6.01894903			
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	184.136215			
k_AutoCntrHiSpdTimer4_mS_u16	22354			
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	99.932251			
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.029999993			
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.063000001			
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	9			
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	0			
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	65.6970062			
k_AutoCntrLoSpdTimer1_mS_u16	21335			
k_AutoCntrLoSpdTimer2_mS_u16	34188			
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00899999961			
k_SLPEnableBFCheck_Cnt_lgc	0			
k_SLPHwAuthority_Uls_f32	0.0408000015			
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1280.94995			
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1			
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0			
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset			
tgt_GetSystemTime_mS_u32_CurrentTime	3494315776	I=		
Name	Actual Value	Expected Value	Result	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	39.6259003	39.6259003 ± 0.2	<b>✓</b>	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	184.136215 6.01894903	184.136215 ± 0.5	,	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	27.8338795	6.01894903 ± 0.04 27.8338795 ± 0.0625	-	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	14014		_	
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16				
VehDyn AutoCntrDetSpd M str.Timer1 mS u32		14014 ± 2		
VehDyn AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn AutoCntrDetSpd M str.Timer2 mS u32	22354	22354 ± 2	~	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	22354 3494315776	22354 ± 2 3494315776	<b>*</b>	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	22354 3494315776 3494315776	22354 ± 2 3494315776 3494315776	, ,	
veribyii_Autochtibetopu_ivi_str.ReinwFosFiit25v_nwbeq_str.K_ols_i32	22354 3494315776 3494315776 0.000376939774	22354 ± 2 3494315776 3494315776 0.00037692007 ± 1.25663627181805E-06	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
	22354 3494315776 3494315776 0.000376939774 0.000791370869	22354 ± 2 3494315776 3494315776 0.00037692007 ± 1.25663627181805E-06 0.000791368075 ± 1.25663627181805E-06	~	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	22354 3494315776 3494315776 0.000376939774 0.000791370869 123.465202	22354 ± 2 3494315776 3494315776 0.00037692007 ± 1.25663627181805E-06 0.000791368075 ± 1.25663627181805E-06 123.465202 ± 0.2	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	22354 3494315776 3494315776 0.000376939774 0.000791370869 123.465202 82.6047821	22354 ± 2 3494315776 3494315776 0.00037692007 ± 1.25663627181805E-06 0.000791368075 ± 1.25663627181805E-06 123.465202 ± 0.2 82.6047821 ± 0.5	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	22354 3494315776 3494315776 0.000376939774 0.000791370869 123.465202 82.6047821 10.8994331	22354 ± 2 3494315776 3494315776 0.00037692007 ± 1.25663627181805E-06 0.000791368075 ± 1.25663627181805E-06 123.465202 ± 0.2 82.6047821 ± 0.5 10.8994331 ± 0.04	· · · · · · · · · · · · · · · · · · ·	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	22354 3494315776 3494315776 0.000376939774 0.000791370869 123.465202 82.6047821 10.8994331 8.86355877	22354 ± 2 3494315776 3494315776 0.00037692007 ± 1.25663627181805E-06 0.000791368075 ± 1.25663627181805E-06 123.465202 ± 0.2 82.6047821 ± 0.5 10.8994331 ± 0.04 8.86355877 ± 0.0625	***************************************	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	22354 3494315776 3494315776 0.000376939774 0.000791370869 123.465202 82.6047821 10.8994331 8.86355877 14014	22354 ± 2 3494315776 3494315776 0.00037692007 ± 1.25663627181805E-06 0.000791368075 ± 1.25663627181805E-06 123.465202 ± 0.2 82.6047821 ± 0.5 10.8994331 ± 0.04 8.86355877 ± 0.0625 14014 ± 2	•	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	22354 3494315776 3494315776 0.000376939774 0.000791370869 123.465202 82.6047821 10.8994331 8.86355877 14014	22354 ± 2 3494315776 3494315776 0.00037692007 ± 1.25663627181805E-06 0.000791368075 ± 1.25663627181805E-06 123.465202 ± 0.2 82.6047821 ± 0.5 10.8994331 ± 0.04 8.86355877 ± 0.0625 14014 ± 2 7777 ± 2		
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VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	22354 3494315776 3494315776 0.000376939774 0.000791370869 123.465202 82.6047821 10.8994331 8.86355877 14014 7777 3494315776 3494315776 0.000113070011 0.000314116478 9 65.6970062 0 99.932251 21335 34188 3494315776	22354 ± 2 3494315776 3494315776 0.00037692007 ± 1.25663627181805E-06 0.000791368075 ± 1.25663627181805E-06 123.465202 ± 0.2 82.6047821 ± 0.5 10.8994331 ± 0.04 8.86355877 ± 0.0625 14014 ± 2 7777 ± 2 3494315776 0.000113090937 ± 1.25663627181805E-06 0.00031410993 ± 1.25663627181805E-06 9 ± 0.2 65.6970062 ± 0.5 0 ± 0.04 99.932251 ± 0.0625 21335 ± 2 34188 ± 2		
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VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NelHyVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	22354 3494315776 3494315776 0.000376939774 0.000791370869 123.465202 82.6047821 10.8994331 8.86355877 14014 7777 3494315776 3494315776 0.000113070011 0.000314116478 9 65.6970062 0 99.932251 21335 34188 3494315776	22354 ± 2 3494315776 3494315776 0.00037692007 ± 1.25663627181805E-06 0.000791368075 ± 1.25663627181805E-06 123.465202 ± 0.2 82.6047821 ± 0.5 10.8994331 ± 0.04 8.86355877 ± 0.0625 14014 ± 2 7777 ± 2 3494315776 0.000113090937 ± 1.25663627181805E-06 0.00031410993 ± 1.25663627181805E-06 9 ± 0.2 65.6970062 ± 0.5 0 ± 0.04 99.932251 ± 0.0625 21335 ± 2 3494315776		
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.WitrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	22354 3494315776 3494315776 0.000376939774 0.000791370869 123.465202 82.6047821 10.8994331 8.86355877 14014 7777 3494315776 3494315776 0.000113070011 0.000314116478 9 65.6970062 0 99.932251 21335 34188 3494315776 3494315776 0.000376939774	22354 ± 2 3494315776 3494315776 0.00037692007 ± 1.25663627181805E-06 0.000791368075 ± 1.25663627181805E-06 123.465202 ± 0.2 82.6047821 ± 0.5 10.8994331 ± 0.04 8.86355877 ± 0.0625 14014 ± 2 7777 ± 2 3494315776 0.000113090937 ± 1.25663627181805E-06 0.00031410993 ± 1.25663627181805E-06 9 ± 0.2 65.6970062 ± 0.5 0 ± 0.04 99.932251 ± 0.0625 21335 ± 2 3494315776 3494315776 3494315776 0.00037692007 ± 1.25663627181805E-06		
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	22354 3494315776 3494315776 0.000376939774 0.000791370869 123.465202 82.6047821 10.8994331 8.86355877 14014 7777 3494315776 3494315776 0.000113070011 0.000314116478 9 65.6970062 0 99.932251 21335 34188 3494315776 3494315776 0.000376939774 0.000791370869	22354 ± 2 3494315776 3494315776 0.00037692007 ± 1.25663627181805E-06 0.000791368075 ± 1.25663627181805E-06 123.465202 ± 0.2 82.6047821 ± 0.5 10.8994331 ± 0.04 8.86355877 ± 0.0625 14014 ± 2 7777 ± 2 3494315776 0.000113090937 ± 1.25663627181805E-06 0.00031410993 ± 1.25663627181805E-06 9 ± 0.2 65.6970062 ± 0.5 0 ± 0.04 99.932251 ± 0.0625 21335 ± 2 3494315776 3494315776 0.00037692007 ± 1.25663627181805E-06 0.00037692007 ± 1.25663627181805E-06		



Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime mS u32	1	GetSystemTime mS u32	1	<b>✓</b>

Test Step 2.12 (Repeat Count = 1) Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt GetSystemTime mS u32 CurrentTime		
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc		
Rte_Inst_Ap_VehDyn k AutoCntrHiSpdCntrWindow HwDeg f32	target_Rte_Inst_Ap_VehDyn_2 26.9095516		
k_AutoCntrHiSpdFilt1Kn Hz f32	0.0344000012		
	0.0630000012		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	162.400772		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32			
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	14.9627428		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	114.852692		
k_AutoCntrHiSpdTimer1_mS_u16	48224		
k_AutoCntrHiSpdTimer2_mS_u16	8888		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	47.4006882		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	585.574707		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	4.3129344		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	65.4458923		
k_AutoCntrHiSpdTimer4_mS_u16	32015		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	26.1026459		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0458000004		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00200000009		
<_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	533		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	20		
<_AutoCntrLoSpdTimer1VehSpd_kph_f32	23.0135193		
x_AutoCntrLoSpdTimer1_mS_u16	12258		
<_AutoCntrLoSpdTimer2_mS_u16	36416		
C_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0344000012		
k_SLPEnableBFCheck_Cnt_lgc	1		
C_SLPHwAuthority_Uls_f32	0.0474000014		
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1256.91699		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	463842816		
Name	Actual Value Expected Value	Res	
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	585.574707 585.574707 ± 0.2		
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	65.4458923		
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.3129344 4.31293392 ± 0.04		
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	47.4006882 47.4006882 ± 0.0625		
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	48224 48224 ± 2		
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	32015 32015 ± 2		
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	02010		
	463842816 463842816		
	463842816 463842816 463842816 463842816		
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	463842816 463842816	16	
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	463842816     463842816       0.000575363636     0.000575374172 ± 1.25663627181805E-0		
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	463842816       463842816         0.000575363636       0.000575374172 ± 1.25663627181805E-0         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-0		
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	463842816       463842816         0.000575363636       0.000575374172 ± 1.25663627181805E-0         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-0         162.400772       162.400772 ± 0.2		
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	463842816       463842816         0.000575363636       0.000575374172 ± 1.25663627181805E-         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-         162.400772       162.400772 ± 0.2         114.852692       114.852692 ± 0.5		
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	463842816       463842816         0.000575363636       0.000575374172 ± 1.25663627181805E-         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-         162.400772       162.400772 ± 0.2         114.852692       114.852692 ± 0.5         14.9627428       14.9627428 ± 0.04		
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	463842816       463842816         0.000575363636       0.000575374172 ± 1.25663627181805E-         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-         162.400772       162.400772 ± 0.2         114.852692       114.852692 ± 0.5         14.9627428       14.9627428 ± 0.04         26.9095516       26.9095516 ± 0.0625		
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	463842816       463842816         0.000575363636       0.000575374172 ± 1.25663627181805E-         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-         162.400772       162.400772 ± 0.2         114.852692       114.852692 ± 0.5         14.9627428       14.9627428 ± 0.04         26.9095516       26.9095516 ± 0.0625         48224       48224 ± 2		
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	463842816       463842816         0.000575363636       0.000575374172 ± 1.25663627181805E-1         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-1         162.400772       162.400772 ± 0.2         114.852692       114.852692 ± 0.5         14.9627428       14.9627428 ± 0.04         26.9095516       26.9095516 ± 0.0625         48224       48224 ± 2         8888       8888 ± 2		
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	463842816       463842816         0.000575363636       0.000575374172 ± 1.25663627181805E-0.005         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-0.002         162.400772       162.400772 ± 0.2         114.852692       114.852692 ± 0.5         14.9627428       14.9627428 ± 0.04         26.9095516       26.9095516 ± 0.0625         48224       48224 ± 2         8888       8888 ± 2         463842816       463842816		
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	463842816       463842816         0.000575363636       0.000575374172 ± 1.25663627181805E-0.005         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-0.002         162.400772       162.400772 ± 0.2         114.852692       114.852692 ± 0.5         14.9627428       14.9627428 ± 0.04         26.9095516       26.9095516 ± 0.0625         48224       48224 ± 2         8888       888 ± 2         463842816       463842816         463842816       463842816	06	
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32	463842816       463842816         0.000575363636       0.000575374172 ± 1.25663627181805E-0.005         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-0.00625         162.400772       162.400772 ± 0.2         114.852692       114.852692 ± 0.5         14.9627428       14.9627428 ± 0.04         26.9095516       26.9095516 ± 0.0625         48224       48224 ± 2         8888       888 ± 2         463842816       463842816         463842816       463842816         0.000432193279       0.000432189729 ± 1.25663627181805E-0.000432189729 ± 1.25663627181805E-0.000	06	
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32	463842816       463842816         0.000575363636       0.000575374172 ± 1.25663627181805E-0.005         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-0.002         162.400772       162.400772 ± 0.2         114.852692       114.852692 ± 0.5         14.9627428       14.9627428 ± 0.04         26.9095516       26.9095516 ± 0.0625         48224       48224 ± 2         8888       888 ± 2         463842816       463842816         463842816       463842816         0.000432193279       0.000432189729 ± 1.25663627181805E-0.000791368075 ± 1.25663627181805E-0.000791370869	06	
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrLiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	463842816       463842816         0.000575363636       0.000575374172 ± 1.25663627181805E-0         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-0         162.400772       162.400772 ± 0.2         114.852692       114.852692 ± 0.5         14.9627428       14.9627428 ± 0.04         26.9095516       26.9095516 ± 0.0625         48224       48224 ± 2         8888       888 ± 2         463842816       463842816         463842816       463842816         0.000432193279       0.000432189729 ± 1.25663627181805E-0         0.000791370869       0.000791368075 ± 1.25663627181805E-0         533       533 ± 0.2	06	
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	463842816       463842816         0.000575363636       0.000575374172 ± 1.25663627181805E-0         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-0         162.400772       162.400772 ± 0.2         114.852692       114.852692 ± 0.5         14.9627428       14.9627428 ± 0.04         26.9095516       26.9095516 ± 0.0625         48224       48224 ± 2         8888       888 ± 2         463842816       463842816         463842816       463842816         0.000432193279       0.000432189729 ± 1.25663627181805E-0         533       533 ± 0.2         23.0135193       23.0135193 ± 0.5	06	
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	463842816       463842816         0.000575363636       0.000575374172 ± 1.25663627181805E-0         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-0         162.400772       162.400772 ± 0.2         114.852692       114.852692 ± 0.5         14.9627428       14.9627428 ± 0.04         26.9095516       26.9095516 ± 0.0625         48224       48224 ± 2         8888       888 ± 2         463842816       463842816         463842816       463842816         0.000432193279       0.000432189729 ± 1.25663627181805E-0         533       533 ± 0.2         23.0135193       23.0135193 ± 0.5         20       20 ± 0.04	06	
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	463842816       463842816         0.000575363636       0.000575374172 ± 1.25663627181805E-0         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-0         162.400772       162.400772 ± 0.2         114.852692       114.852692 ± 0.5         14.9627428       14.9627428 ± 0.04         26.9095516       26.9095516 ± 0.0625         48224       48224 ± 2         8888       888 ± 2         463842816       463842816         463842816       463842816         0.000432193279       0.000432189729 ± 1.25663627181805E-0         533       533 ± 0.2         23.0135193       23.0135193 ± 0.5	06	
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	463842816       463842816         0.000575363636       0.000575374172 ± 1.25663627181805E-0         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-0         162.400772       162.400772 ± 0.2         114.852692       114.852692 ± 0.5         14.9627428       14.9627428 ± 0.04         26.9095516       26.9095516 ± 0.0625         48224       48224 ± 2         8888       888 ± 2         463842816       463842816         463842816       463842816         0.000432193279       0.000432189729 ± 1.25663627181805E-0         533       533 ± 0.2         23.0135193       23.0135193 ± 0.5         20       20 ± 0.04	06	
VehDyn_AutoCntrDetSpd_M_str.Timer12_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	463842816       463842816         0.000575363636       0.000575374172 ± 1.25663627181805E-0         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-0         162.400772       162.400772 ± 0.2         114.852692       114.852692 ± 0.5         14.9627428       14.9627428 ± 0.04         26.9095516       26.9095516 ± 0.0625         48224       48224 ± 2         8888       888 ± 2         463842816       463842816         463842816       463842816         0.000432193279       0.000432189729 ± 1.25663627181805E-0         533       533 ± 0.2         23.0135193       23.0135193 ± 0.5         20       20 ± 0.04         26.1026459       26.1026459 ± 0.0625	06	
WehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  WehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  WehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  WehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  WehDyn_AutoCntrHiSpd_M_str.YehSpd_kph_f32  WehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  WehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  WehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  WehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  WehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32  WehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  WehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  WehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  WehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  WehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  WehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u16  WehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  WehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  WehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  WehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  WehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  WehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  WehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  WehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  WehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	463842816       463842816         0.000575363636       0.000575374172 ± 1.25663627181805E-0         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-0         162.400772       162.400772 ± 0.2         114.852692       114.852692 ± 0.5         14.9627428       14.9627428 ± 0.04         26.9095516       26.9095516 ± 0.0625         48224       48224 ± 2         8888       888 ± 2         463842816       463842816         463842816       463842816         0.000432193279       0.000432189729 ± 1.25663627181805E-0         533       533 ± 0.2         23.0135193       23.0135193 ± 0.5         20       20 ± 0.04         26.1026459       26.1026459 ± 0.0625         12258       12258 ± 2	06	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLOSpd_M_str.WtrNedp_sf32 VehDyn_AutoCntrLOSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLOSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLOSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	463842816       463842816         0.000575363636       0.000575374172 ± 1.25663627181805E-0         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-0         162.400772       162.400772 ± 0.2         114.852692       114.852692 ± 0.5         14.9627428       14.9627428 ± 0.04         26.9095516       26.9095516 ± 0.0625         48224       48224 ± 2         8888       888 ± 2         463842816       463842816         0.000432193279       0.000432189729 ± 1.25663627181805E-0         533       533 ± 0.2         23.0135193       23.0135193 ± 0.5         20       20 ± 0.04         26.1026459       26.1026459 ± 0.0625         12258       12258 ± 2         36416       36416 ± 2	06	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	463842816       463842816         0.000575363636       0.000575374172 ± 1.25663627181805E-0         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-0         162.400772       162.400772 ± 0.2         114.852692       114.852692 ± 0.5         14.9627428       14.9627428 ± 0.04         26.9095516       26.9095516 ± 0.0625         48224       48224 ± 2         8888       888 ± 2         463842816       463842816         0.000432193279       0.000432189729 ± 1.25663627181805E-0         0.000791370869       0.000791368075 ± 1.25663627181805E-0         533       533 ± 0.2         23.0135193       23.0135193 ± 0.5         20       20 ± 0.04         26.1026459       26.1026459 ± 0.0625         12258       12258 ± 2         36416       36416 ± 2         463842816       463842816	06	

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VehDyn\_Init1

Name	Actual Value	Expected Value	Result
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000432193279	0.000432189729 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	<b>✓</b>
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime mS u32	1	GetSystemTime mS u32	1	<b>✓</b>

Test Step 2.13 (Repeat Count = 1) Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc		
Rte_Inst_Ap_VehDyn	target Rte Inst Ap VehDyn 2		
< AutoCntrHiSpdCntrWindow HwDeg f32	49.6496849		
<pre>c_ material control contr</pre>	0.0458000004		
< AutoCntrHiSpdFilt2Kn Hz f32	0.00200000009		
<pre>&lt;_dutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32</pre>	546.656738		
k AutoCntrHiSpdTimer1PinTrg HwNm f32	11.7334461		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	136.718338		
k_AutoCntrHiSpdTimer1_mS_u16	4828		
< AutoCntrHiSpdTimer2 mS u16	9999		
<ul> <li>AutoCntrHiSpdTimer4CntrWindow HwDeg f32</li> </ul>	33.7199783		
<pre>datoCntrHiSpdTimer4MtrVel_MtrRadpS_f32</pre>	689.916992		
c_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	9.30665016		
<pre></pre>	223.376236		
<a href="mailto:c_number4_ms_u16">c_number4_ms_u16</a>	49523		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	17.6228924		
C_AutoOntrLoSpdFilt1Kn_Hz_f32	0.0049999989		
AutoCntrLoSpdFilt2Kn Hz f32	0.00499999989		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	570		
<_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	7.05000019		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	7.9233551		
<_AutoCntrLoSpdTimer1_mS_u16	34738		
< AutoCntrLoSpdTimer2 mS u16	36612		
<a href="AutoCntrPinTrqLPFCoeffKn">AutoCntrPinTrqLPFCoeffKn</a> Hz f32	0.0458000004		
k SLPEnableBFCheck Cnt Igc	0		
CSLPHWAuthority_Uls_f32	0.0540000014		
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	1232.88403		
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1		
target_r in_wour osreser.tvtwistored.astr osvaid_crit_igc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	1759885568		
Name	Actual Value Expected Value	Resu	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	689.916992 689.916992 ± 0.2	Resu	
	223.376236 223.376236 ± 0.5		
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	9.30665016 9.30665016 ± 0.04		
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32			
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	33.7199783 33.7199783 ± 0.0625		
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	4828		
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	49523 49523 ± 2		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1759885568 1759885568		
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1759885568 1759885568		
	6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-0		
· - · ·	0.0000000 005	•	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-0	-	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	546.656738 546.656738 ± 0.2		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	546.656738       546.656738 ± 0.2         136.718338       136.718338 ± 0.5		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	546.656738       546.656738 ± 0.2         136.718338       136.718338 ± 0.5         11.7334461       11.7334461 ± 0.04		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	$546.656738$ $546.656738 \pm 0.2$ $136.718338$ $136.718338 \pm 0.5$ $11.7334461$ $11.7334461 \pm 0.04$ $49.6496849$ $49.6496849 \pm 0.0625$		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	546.656738       546.656738 ± 0.2         136.718338       136.718338 ± 0.5         11.7334461       11.7334461 ± 0.04         49.6496849       49.6496849 ± 0.0625         4828       4828 ± 2         9999       9999 ± 2         1759885568       1759885568		
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	546.656738       546.656738 ± 0.2         136.718338       136.718338 ± 0.5         11.7334461       11.7334461 ± 0.04         49.6496849       49.6496849 ± 0.0625         4828       4828 ± 2         9999       9999 ± 2         1759885568       1759885568         1759885568       1759885568		
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	546.656738       546.656738 ± 0.2         136.718338       136.718338 ± 0.5         11.7334461       11.7334461 ± 0.04         49.6496849       49.6496849 ± 0.0625         4828       4828 ± 2         9999       9999 ± 2         1759885568       1759885568         175985568       1759885568         0.000575363636       0.000575374172 ± 1.25663627181805E-0		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	546.656738       546.656738 ± 0.2         136.718338       136.718338 ± 0.5         11.7334461       11.7334461 ± 0.04         49.6496849       49.6496849 ± 0.0625         4828       4828 ± 2         9999       9999 ± 2         1759885568       1759885568         1759885568       1759885568         0.000575363636       0.000575374172 ± 1.25663627181805E-0         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-0		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	546.656738       546.656738 ± 0.2         136.718338       136.718338 ± 0.5         11.7334461       11.7334461 ± 0.04         49.6496849       49.6496849 ± 0.0625         4828       4828 ± 2         9999       9999 ± 2         1759885568       1759885568         175985568       1759885568         0.000575363636       0.000575374172 ± 1.25663627181805E-0		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	546.656738       546.656738 ± 0.2         136.718338       136.718338 ± 0.5         11.7334461       11.7334461 ± 0.04         49.6496849       49.6496849 ± 0.0625         4828       4828 ± 2         9999       9999 ± 2         1759885568       1759885568         1759885568       1759885568         0.000575363636       0.000575374172 ± 1.25663627181805E-0         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-0	6 6	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	546.656738       546.656738 ± 0.2         136.718338       136.718338 ± 0.5         11.7334461       11.7334461 ± 0.04         49.6496849       49.6496849 ± 0.0625         4828       4828 ± 2         9999       9999 ± 2         1759885568       1759885568         0.000575363636       0.000575374172 ± 1.25663627181805E-0         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-0         570       570 ± 0.2	666	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	546.656738       546.656738 ± 0.2         136.718338       136.718338 ± 0.5         11.7334461       11.7334461 ± 0.04         49.6496849       49.6496849 ± 0.0625         4828       4828 ± 2         9999       9999 ± 2         1759885568       1759885568         0.000575363636       0.000575374172 ± 1.25663627181805E-0         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-0         570       570 ± 0.2         7.9233551       7.9233551 ± 0.5	666	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.WehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	546.656738       546.656738 ± 0.2         136.718338       136.718338 ± 0.5         11.7334461       11.7334461 ± 0.04         49.6496849       49.6496849 ± 0.0625         4828       4828 ± 2         9999       9999 ± 2         1759885568       1759885568         0.000575363636       0.000575374172 ± 1.25663627181805E-0         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-0         570       570 ± 0.2         7.9233551       7.9233551 ± 0.5         7.05000019       7.05000019 ± 0.04		





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1759885568	1759885568	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1759885568	1759885568	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000575363636	0.000575374172 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0.0540000014	0.0540000014	~
VehDyn_SLPHwPos_HwDeg_M_f32	1232.88403	1232.88403	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	-

Test Step 2.14 (Repeat Count = 1) Name	Input Value	
	•	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	23.8171101	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0759999976	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00200000009	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	79.877243	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	3.8524735	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	164.951675	
k_AutoCntrHiSpdTimer1_mS_u16	16138	
k_AutoCntrHiSpdTimer2_mS_u16	23331	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	78.1467133	
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	32.7761002	
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	2.07399654	
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	38.1457062	
k_AutoCntrHiSpdTimer4_mS_u16	46166	
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	81.6020432	
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.000300000014	
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00600000005	
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	367.93277	
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	4	
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	150.688919	
k_AutoCntrLoSpdTimer1_mS_u16	22835	
k_AutoCntrLoSpdTimer2_mS_u16	13127	
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0759999976	
k_SLPEnableBFCheck_Cnt_lgc	0	
k_SLPHwAuthority_Uls_f32	0.133200005	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	944.487976	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_Igc	0	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
tgt_GetSystemTime_mS_u32_CurrentTime	4164171008	
Name	Actual Value Expected Value	Resi
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	32.7761002 32.7761002 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	38.1457062 38.1457062 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.07399654 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	78.1467133 78.1467133 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	16138 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	46166 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4164171008 4164171008	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4164171008 4164171008	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.75509262e-006 3.76990397e-006 ± 1.25663627181805E-06	i
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.53998756e-005 7.53953791e-005 ± 1.25663627181805E-06	,
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	79.877243	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	164.951675 164.951675 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	$3.8524735$ $3.8524735 \pm 0.04$	
VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	23.8171101 23.8171101 ± 0.0625	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	16138 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	23331 23331 ± 2	
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	4164171008 4164171008	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4164171008 4164171008	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000954568386	
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K_0is_is2  VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.K_Uls_is2	2.51531601e-005	
	2.515316016-005 2.515242546-005 ± 1.25063627161605E-06 367.93277 ± 0.2	
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32		





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4	4 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	81.6020432	81.6020432 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	22835	22835 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	13127	13127 ± 2	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4164171008	4164171008	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4164171008	4164171008	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.75509262e-006	3.76990397e-006 ± 1.25663627181805E-06	· 🗸
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53953791e-005 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000954568386	0.000954588235 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.133200005	0.133200005	<b>✓</b>
VehDyn_SLPHwPos_HwDeg_M_f32	944.487976	944.487976	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.15 (Repeat Count = 1)			
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	97.9824524		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00499999989		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0049999989		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	650.888245		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	14.2269373		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	83.2932739		
k_AutoCntrHiSpdTimer1_mS_u16	13561		
k_AutoCntrHiSpdTimer2_mS_u16	11110		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	84.8904648		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	13.5116568		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	14.3859873		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	200.00708		
k_AutoCntrHiSpdTimer4_mS_u16	3778		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	0		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00899999961		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00520000001		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	497		
k AutoCntrLoSpdTimer1PinTrq HwNm f32	19.0077152		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	82.6157227		
k AutoCntrLoSpdTimer1 mS u16	37799		
k_AutoCntrLoSpdTimer2_mS_u16	41632		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0049999989		
k SLPEnableBFCheck Cnt Igc	1		
k SLPHwAuthority Uls f32	0.0606000014		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1208.85095		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	1662097408		
		ln	
Name	Actual Value Expected Value	Resu	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	13.5116568		
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	200.00708 200.00708 ± 0.5		
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.3859873 14.3859873 ± 0.04		
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	84.8904648		
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13561 13561 ± 2		
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3778 ± 2		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1662097408 1662097408		
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1662097408 1662097408		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011 0.000113090937 ± 1.25663627181805E-06		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.53266907e-005 6.53429888e-005 ± 1.25663627181805E-06	i	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	650.888245 ± 0.2		
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	83.2932739 83.2932739 ± 0.5		
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.2269373 14.2269373 ± 0.04		
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	97.9824524 ± 0.0625		
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	13561 ± 2		
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	11110 ± 2		
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1662097408 1662097408		
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1662097408 1662097408		





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	497	497 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	82.6157227	82.6157227 ± 0.5	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	19.0077152	19.0077152 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	0	0 ± 0.0625	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	37799	37799 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	41632	41632 ± 2	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1662097408	1662097408	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1662097408	1662097408	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53429888e-005 ± 1.25663627181805E-06	<b>✓</b>
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.16 (Repeat Count = 1)			
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Curren	tTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDia	gMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	76.7621613		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00899999961		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00520000001		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	203.632965		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	11.2671566		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	127.052841		
k_AutoCntrHiSpdTimer1_mS_u16	2974		
k_AutoCntrHiSpdTimer2_mS_u16	12221		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	71.4314346		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	460.300537		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	5.9040184		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	118.848923		
k_AutoCntrHiSpdTimer4_mS_u16	41925		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	100		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0250000004		
k AutoCntrLoSpdFilt2Kn Hz f32	0.0320999995		
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	31		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	18.3913727		
k AutoCntrLoSpdTimer1VehSpd kph f32	202.272995		
k AutoCntrLoSpdTimer1 mS u16	8366		
k AutoCntrLoSpdTimer2 mS u16	51002		
k AutoCntrPinTrgLPFCoeffKn Hz f32	0.00899999961		
k SLPEnableBFCheck Cnt lgc	0		
k SLPHwAuthority Uls f32	0.0671999976		
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	1184.81799		
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target Pim MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	2127166208		
Name	Actual Value	Expected Value	Resu
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	460.300537	460.300537 ± 0.2	11000
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	118.848923	118.848923 ± 0.5	
VehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	5.9040184	5.9040184 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	71.4314346	71.4314346 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	2974	2974 ± 2	
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	41925	41925 ± 2	
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2127166208	2127166208	
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	2127166208	2127166208	
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25063627181805E-06 0.000403299142 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	203.632965	203.632965 ± 0.2	
	203.632965 127.052841 11.2671566	203.632965 ± 0.2 127.052841 ± 0.5 11.2671566 ± 0.04	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2974	2974 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	12221	12221 ± 2	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2127166208	2127166208	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2127166208	2127166208	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53429888e-005 ± 1.25663627181805E-06	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	31	31 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	202.272995	202.272995 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.3913727	18.3913727 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	100	100 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	8366	8366 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	51002	51002 ± 2	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2127166208	2127166208	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2127166208	2127166208	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403299142 ± 1.25663627181805E-06	<b>✓</b>
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.0671999976	0.0671999976	~
VehDyn_SLPHwPos_HwDeg_M_f32	1184.81799	1184.81799	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>

Test Step 2.17 (Repeat Count = 1)		
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
_AutoCntrHiSpdCntrWindow_HwDeg_f32	65.7764893	
_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0250000004	
_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0320999995	
_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	152.768814	
_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	15.771925	
<_AutoCntrHiSpdTimer1VehSpd_kph_f32	73.3210144	
_AutoCntrHiSpdTimer1_mS_u16	14150	
<_AutoCntrHiSpdTimer2_mS_u16	13332	
_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	89.3387299	
_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	668.902588	
_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	20	
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	32.1202698	
<_AutoCntrHiSpdTimer4_mS_u16	40995	
<_AutoCntrLoSpdCntrWindow_HwDeg_f32	67.0500031	
x_AutoCntrLoSpdFilt1Kn_Hz_f32	0.063000001	
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.039999991	
<_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	290	
<_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	8.74961567	
<pre>x_AutoCntrLoSpdTimer1VehSpd_kph_f32</pre>	76.098053	
<_AutoCntrLoSpdTimer1_mS_u16	3658	
_AutoCntrLoSpdTimer2_mS_u16	5853	
_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0250000004	
_SLPEnableBFCheck_Cnt_lgc	1	
_SLPHwAuthority_Uls_f32	0.0737999976	
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1160.78503	
arget_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0	
arget_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1.	
arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
tgt_GetSystemTime_mS_u32_CurrentTime	4243378688	
Name	Actual Value Expected Value	Resi
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	668.902588 ± 0.2	
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	32.1202698 ± 0.5	
/ehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	20 ± 0.04	
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	89.3387299 ± 0.0625	
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	14150 ± 2	
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	40995 ± 2	
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4243378688 4243378688	
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	4243378688 4243378688	
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000791370869	06
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00050252676	00





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	152.768814	152.768814 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	73.3210144	73.3210144 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	15.771925	15.771925 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	65.7764893	65.7764893 ± 0.0625	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	14150	14150 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	13332	13332 ± 2	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4243378688	4243378688	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4243378688	4243378688	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403299142 ± 1.25663627181805E-06	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	290	290 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	76.098053	76.098053 ± 0.5	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.74961567	8.74961662 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	67.0500031	67.0500031 ± 0.0625	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	3658	3658 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	5853	5853 ± 2	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4243378688	4243378688	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4243378688	4243378688	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00050252676	0.000502528506 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>	

Test Step 2.18 (Repeat Count = 1)			
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTim	e	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	84.4737091		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00520000001		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0458000004		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	609.83606		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	3.01206732		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	158.11969		
k_AutoCntrHiSpdTimer1_mS_u16	42810		
k_AutoCntrHiSpdTimer2_mS_u16	28886		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	78.8331146		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	700		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	12.0596523		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	195.407715		
k_AutoCntrHiSpdTimer4_mS_u16	10213		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	8		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00779999979		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0430000015		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	209.013977		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	17.8311005		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	20.6569824		
k_AutoCntrLoSpdTimer1_mS_u16	38868		
k_AutoCntrLoSpdTimer2_mS_u16	57944		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00520000001		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.166199997		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	824.322998		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	3714197504		
Name	Actual Value	Expected Value	Resu
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	700	700 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	195.407715	195.407715 ± 0.5	
VehDyn AutoCntrDetSpd M str.FiltPinTrq HwNm f32	12.0596523	12.0596523 ± 0.04	
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	78.8331146	78.8331146 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	42810	42810 ± 2	
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	10213	10213 ± 2	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3714197504	3714197504	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3714197504	3714197504	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.80128898e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000540196896	0.000540207955 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	609.83606	609.83606 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	158.11969	158.11969 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3.01206732	3.01206756 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	84.4737091	84.4737091 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	42810	42810 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	28886	28886 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3714197504	3714197504	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3714197504	3714197504	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53429888e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575374172 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	209.013977	209.013977 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	20.6569824	20.6569824 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	17.8311005	17.8311005 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	8	8 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	38868	38868 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	57944	57944 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3714197504	3714197504	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3714197504	3714197504	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.80128898e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000540196896	0.000540207955 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.53266907e-005	6.53429888e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~	
GetSystemTime mS u32	1	GetSystemTime mS u32	1	<b>✓</b>	

Test Step 2.19 (Repeat Count = 1) Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Curre		I
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)		iagMgr_GetNTCActive_NTCActive_Ptr_T_I	igc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	38.6106339		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.063000001		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0850000009		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	58.1886024		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.81883907		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	49.8758698		
k_AutoCntrHiSpdTimer1_mS_u16	23629		
k_AutoCntrHiSpdTimer2_mS_u16	14443		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	20.9637165		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	84.1278992		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	3.85283899		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	50.9156036		
k_AutoCntrHiSpdTimer4_mS_u16	14512		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	69.9473343		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00200000009		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0350000001		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	604		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	2.58473921		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	60.232254		
k_AutoCntrLoSpdTimer1_mS_u16	0		
k_AutoCntrLoSpdTimer2_mS_u16	23667		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.063000001		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.0803999975		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1136.75195		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	1050692864		
Name	Actual Value	Expected Value	Resul
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	84.1278992	84.1278992 ± 0.2	
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	50.9156036	50.9156036 ± 0.5	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	3.85283899	3.85283899 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	20.9637165	20.9637165 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	23629	23629 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	14512	14512 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1050692864	1050692864	-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1050692864	1050692864	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439726253 ± 1.25663627181805E-06	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	58.1886024	58.1886024 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	49.8758698	49.8758698 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.81883907	8.81883907 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	38.6106339	38.6106339 ± 0.0625	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	23629	23629 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	14443	14443 ± 2	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1050692864	1050692864	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1050692864	1050692864	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00106757879	0.00106757123 ± 1.25663627181805E-06	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	604	604 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	60.232254	60.232254 ± 0.5	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.58473921	2.58473921 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	69.9473343	69.9473343 ± 0.0625	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0	0 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	23667	23667 ± 2	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1050692864	1050692864	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1050692864	1050692864	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439726253 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.0803999975	0.0803999975	~
VehDyn_SLPHwPos_HwDeg_M_f32	1136.75195	1136.75195	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Name	Input Value
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
<_AutoCntrHiSpdCntrWindow_HwDeg_f32	41.6642952
c_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00200000009
c_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00899999961
<_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	338.634766
c_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.68194199
<_AutoCntrHiSpdTimer1VehSpd_kph_f32	18.1331787
_AutoCntrHiSpdTimer1_mS_u16	42430
_AutoCntrHiSpdTimer2_mS_u16	15554
_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	11.2356644
_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	269.545135
_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	13.7515726
<_AutoCntrHiSpdTimer4VehSpd_kph_f32	62.7014771
_AutoCntrHiSpdTimer4_mS_u16	28023
_AutoCntrLoSpdCntrWindow_HwDeg_f32	11.1490717
C_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00499999989
C_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0560000017
_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	554
_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	20
<_AutoCntrLoSpdTimer1VehSpd_kph_f32	123.001526
_AutoCntrLoSpdTimer1_mS_u16	60000
_AutoCntrLoSpdTimer2_mS_u16	49369
_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00200000009
_SLPEnableBFCheck_Cnt_lgc	1
_SLPHwAuthority_Uls_f32	0.0869999975
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1112.71899
arget_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0
arget_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgd	0
arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset





Name	Input Value		
tgt_GetSystemTime_mS_u32_CurrentTime	3039943680		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	269.545135	269.545135 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	62.7014771	62.7014771 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	13.7515726	13.7515726 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	11.2356644	11.2356644 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	42430	42430 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	28023	28023 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3039943680	3039943680	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3039943680	3039943680	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000703454018	0.00070346921 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	338.634766	338.634766 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	18.1331787	18.1331787 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.68194199	8.68194199 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	41.6642952	41.6642952 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	42430	42430 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	15554	15554 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3039943680	3039943680	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3039943680	3039943680	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	554	554 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	123.001526	123.001526 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	11.1490717	11.1490717 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	60000	60000 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	49369	49369 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3039943680	3039943680	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3039943680	3039943680	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000703454018	0.00070346921 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.21 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	34.2725372
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00499999989
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00100000005
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	339.617279
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	13.0185966
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	83.5956268
k_AutoCntrHiSpdTimer1_mS_u16	35564
k_AutoCntrHiSpdTimer2_mS_u16	16665
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	47.4165878
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	345.451324
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	1.04481328
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	254.828232
k_AutoCntrHiSpdTimer4_mS_u16	46550
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	11.0835915
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00520000001
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0670000017
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	261.848846
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	16.7432442
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	65.1780853
k_AutoCntrLoSpdTimer1_mS_u16	500
k_AutoCntrLoSpdTimer2_mS_u16	16088
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989
k_SLPEnableBFCheck_Cnt_lgc	0
k_SLPHwAuthority_Uls_f32	0.0935999975





Name	Input Value		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1088.68604		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgr	1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	1316564736		
Name	Actual Value	Expected Value	Resul
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	345.451324	345.451324 ± 0.2	
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	254.828232	254.828232 ± 0.5	
VehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	1.04481328	1.04481316 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	47.4165878	47.4165878 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	35564	35564 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	46550	46550 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1316564736	1316564736	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1316564736	1316564736	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53429888e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000841617584	0.000841592497 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	339.617279	339.617279 ± 0.2	
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	83.5956268	83.5956268 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	13.0185966	13.0185966 ± 0.04	
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	34.2725372	34.2725372 ± 0.0625	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	35564	35564 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	16665	16665 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1316564736	1316564736	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1316564736	1316564736	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	1.257658e-005	1.25662918e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	261.848846	261.848846 ± 0.2	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	65.1780853	65.1780853 ± 0.5	
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.7432442	16.7432442 ± 0.04	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	11.0835915	11.0835915 ± 0.0625	
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	500	500 ± 2	
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	16088	16088 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1316564736	1316564736	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1316564736	1316564736	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53429888e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000841617584	0.000841592497 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_UIs_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0.0935999975	0.0935999975	•
VehDyn SLPHwPos HwDeg M f32	1088.68604	1088.68604	

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~		
GetSvstemTime mS u32	1	GetSystemTime mS u32	1	<b>✓</b>		

Test Step 2.22 (Repeat Count = 1)	v v
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	44.8276367
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00520000001
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00200000009
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	219.394257
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	18.4182396
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	216.505157
k_AutoCntrHiSpdTimer1_mS_u16	53799
k_AutoCntrHiSpdTimer2_mS_u16	17776
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	12.5710239
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	630.946533
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	18.3842678
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	3.99484253
k_AutoCntrHiSpdTimer4_mS_u16	50044
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	29.3483315
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0320999995
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00600000005
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	674.329163
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	14.6219854
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	87.195282
k_AutoCntrLoSpdTimer1_mS_u16	25496





Name	Input Value		
k_AutoCntrLoSpdTimer2_mS_u16	0		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00520000001		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.100199997		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1064.65295		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	2075080192		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	630.946533	630.946533 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	3.99484253	3.99484253 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.3842678	18.3842678 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	12.5710239	12.5710239 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53799	53799 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	50044	50044 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2075080192	2075080192	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2075080192	2075080192	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403299142 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53953791e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	219.394257	219.394257 ± 0.2	•
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	216.505157	216.505157 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.4182396	18.4182377 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	44.8276367	44.8276367 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53799	53799 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	17776	17776 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2075080192	2075080192	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2075080192	2075080192	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53429888e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	674.329163	674.329163 ± 0.2	•
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	87.195282	87.195282 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.6219854	14.6219854 ± 0.04	•
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	29.3483315	29.3483315 ± 0.0625	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	25496	25496 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	0	0 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2075080192	2075080192	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2075080192	2075080192	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403299142 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53953791e-005 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.53266907e-005	6.53429888e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~	
GetSystemTime mS u32	1	GetSystemTime mS u32	1	V	

Test Step 2.23 (Repeat Count = 1)	✓
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	66.9603653
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.063000001
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0450000018
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	11.8271809
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	3.42799282
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	157.885941
k_AutoCntrHiSpdTimer1_mS_u16	47432
k_AutoCntrHiSpdTimer2_mS_u16	18887
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	15.953599
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	118.757027
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	1.14587271
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	83.8543854
k_AutoCntrHiSpdTimer4_mS_u16	53593
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	40.2867165
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0850000009
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00779999979

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VehDyn\_Init1 Input Value k\_AutoCntrLoSpdTimer1MtrVel\_MtrRadpS\_f32 610.883545 8.43369675 k\_AutoCntrLoSpdTimer1PinTrq\_HwNm\_f32 k AutoCntrLoSpdTimer1VehSpd\_kph\_f32 11.503067 k\_AutoCntrLoSpdTimer1\_mS\_u16 11226 k AutoCntrLoSpdTimer2\_mS\_u16 60000 k\_AutoCntrPinTrqLPFCoeffKn\_Hz\_f32 0.063000001 k\_SLPEnableBFCheck\_Cnt\_lgc k\_SLPHwAuthority\_Uls\_f32 0.106799997 target\_Pim\_MotPosReset.NVMStoredLastPos\_HwDeg\_f32 1040.62 target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc  $target\_Rte\_Call\_Ap\_VehDyn\_NxtrDiagMgr\_GetNTCActive\_NTCActive\_Ptr\_T\_lgc$  $target\_Rte\_Inst\_Ap\_VehDyn\_2.Pim\_MotPosReset$ target Pim MotPosReset tgt\_GetSystemTime\_mS\_u32\_CurrentTime Name **Actual Value Expected Value** Result 118 757027 VehDvn AutoCntrDetSpd M str.MtrVel MtrRadpS f32 118 757027 + 0.2 VehDyn\_AutoCntrDetSpd\_M\_str.VehSpd\_kph\_f32 83.8543854 83.8543854 ± 0.5 1.14587271 1.14587283 ± 0.04 VehDyn AutoCntrDetSpd M str.FiltPinTrq HwNm f32  $VehDyn\_AutoCntrDetSpd\_M\_str.CntrWindow\_HwDeg\_f32$ 15.953599 15.953599 ± 0.0625 VehDyn\_AutoCntrDetSpd\_M\_str.Timer1Thresh\_mS\_u16 47432 47432 ± 2  $VehDyn\_AutoCntrDetSpd\_M\_str.Timer2Thresh\_mS\_u16$ 53593 53593 ± 2 VehDyn\_AutoCntrDetSpd\_M\_str.Timer1\_mS\_u32 954802432 954802432  $VehDyn\_AutoCntrDetSpd\_M\_str.Timer2\_mS\_u32$ 954802432 954802432 VehDyn\_AutoCntrDetSpd\_M\_str.RelHwPosFilt1SV\_HwDeg\_str.K\_Uls\_f32 0.00106757879 0.00106757123 ± 1.25663627181805E-06  $VehDyn\_AutoCntrDetSpd\_M\_str.RelHwPosFilt2SV\_HwDeg\_str.K\_Uls\_f32$ 9.7990036e-005  $9.80128898e-005 \pm 1.25663627181805E-06$ VehDyn\_AutoCntrHiSpd\_M\_str.MtrVel\_MtrRadpS\_f32 11.8271809 11.8271809 ± 0.2 157.885941 ± 0.5 VehDyn\_AutoCntrHiSpd\_M\_str.VehSpd\_kph\_f32 157.885941 3.42799282 ± 0.04 VehDyn\_AutoCntrHiSpd\_M\_str.FiltPinTrq\_HwNm\_f32 3.42799282 66.9603653 66.9603653 ± 0.0625 VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32 VehDyn\_AutoCntrHiSpd\_M\_str.Timer1Thresh\_mS\_u16 47432 47432 ± 2 VehDyn\_AutoCntrHiSpd\_M\_str.Timer2Thresh\_mS\_u16 18887 18887 ± 2 • VehDyn\_AutoCntrHiSpd\_M\_str.Timer1\_mS\_u32 954802432 954802432 954802432 954802432 VehDvn AutoCntrHiSpd M str.Timer2 mS u32 VehDyn\_AutoCntrHiSpd\_M\_str.RelHwPosFilt1SV\_HwDeg\_str.K\_Uls\_f32 0.000791370869 0.000791368075 + 1.25663627181805F-06 VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32 0.000565350056 0.000565326831 ± 1.25663627181805E-06 VehDyn\_AutoCntrLoSpd\_M\_str.MtrVel\_MtrRadpS\_f32 610 883545 610 883545 + 0.2 VehDyn\_AutoCntrLoSpd\_M\_str.VehSpd\_kph\_f32 11.503067 11.503067 ± 0.5 ~ 8.43369675 8.43369675 ± 0.04 VehDyn\_AutoCntrLoSpd\_M\_str.FiltPinTrq\_HwNm\_f32 VehDyn\_AutoCntrLoSpd\_M\_str.CntrWindow\_HwDeg\_f32 40.2867165 40.2867165 ± 0.0625

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>	

11226

60000

954802432

954802432

0.00106757879

9.7990036e-005

0.000791370869

0.106799997

1040.62

 $11226 \pm 2$ 

60000 ± 2

954802432

954802432

0.106799997

1040.62

0.00106757123 ± 1.25663627181805E-06

9.80128898e-005 ± 1.25663627181805E-06

0.000791368075 ± 1.25663627181805E-06

Test Step 2.24 (Repeat Count = 1)	✓
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	85.3555756
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00200000009
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00899999961
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	192.424347
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	1.4601928
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	193.415466
k_AutoCntrHiSpdTimer1_mS_u16	37774
k_AutoCntrHiSpdTimer2_mS_u16	19998
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	50.4557152
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	578.624756
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	10.2086525
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	182.197632

VehDyn\_AutoCntrLoSpd\_M\_str.Timer1Thresh\_mS\_u16

VehDyn\_AutoCntrLoSpd\_M\_str.Timer2Thresh\_mS\_u16

VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32

 $VehDyn\_AutoCntrLoSpd\_M\_str.RelHwPosFilt2SV\_HwDeg\_str.K\_Uls\_f32$ 

VehDvn AutoCntrLoSpd M str.Timer1 mS u32

VehDyn\_AutoCntrLoSpd\_M\_str.Timer2\_mS\_u32

VehDyn\_PinTrqSV\_M\_str.K\_Uls\_f32

VehDyn\_SLPHwPos\_HwDeg\_M\_f32

VehDyn\_SLPHwAuth\_Uls\_M\_f32

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Name	Input Value		
k_AutoCntrHiSpdTimer4_mS_u16	27106		
k AutoCntrLoSpdCntrWindow HwDeg f32	56.4612427		
k AutoCntrLoSpdFilt1Kn Hz f32	0.00899999961		
k AutoCntrLoSpdFilt2Kn Hz f32	0.00899999961		
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	39.4220428		
k AutoCntrLoSpdTimer1PinTrg HwNm f32	3		
k AutoCntrLoSpdTimer1VehSpd kph f32	123.501587		
k AutoCntrLoSpdTimer1 mS u16	29729		
k AutoCntrLoSpdTimer2 mS u16	2000		
k AutoCntrPinTrgLPFCoeffKn Hz f32	0.00200000009		
k SLPEnableBFCheck Cnt lgc	1		
k SLPHwAuthority Uls f32	0.113399997		
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	1016.58698		
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	0		
	1		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc			
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	2728878080	I=	1
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	578.624756	578.624756 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	182.197632	182.197632 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.2086525	10.2086525 ± 0.04	-
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	50.4557152	50.4557152 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	37774	37774 ± 2	-
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27106	27106 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2728878080	2728878080	-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2728878080	2728878080	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	192.424347	192.424347 ± 0.2	•
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	193.415466	193.415466 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	1.4601928	1.4601928 ± 0.04	-
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	85.3555756	85.3555756 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	37774	37774 ± 2	-
VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	19998	19998 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2728878080	2728878080	
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	2728878080	2728878080	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	39.4220428	39.4220428 ± 0.2	
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	123.501587	123.501587 ± 0.5	-
VehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	3	3 ± 0.04	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	56.4612427	56.4612427 ± 0.0625	
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	29729	29729 ± 2	
· - · ·	2000	2000 ± 2	
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2728878080	2728878080	
	2728878080	2728878080	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0	0	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime mS u32	1	GetSystemTime mS u32	1	<b>✓</b>

Test Step 2.25 (Repeat Count = 1)	
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	47.2272682
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00499999989
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0250000004
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	407.382568
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	5.11670542
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	171.811264
k_AutoCntrHiSpdTimer1_mS_u16	44272
k_AutoCntrHiSpdTimer2_mS_u16	21109



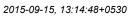


Name	Input Value		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	84.4373398		
k AutoCntrHiSpdTimer4MtrVel MtrRadpS f32	457.561249		
k AutoCntrHiSpdTimer4PinTrq HwNm f32	9.91502762		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	73.4022675		
k AutoCntrHiSpdTimer4 mS u16	15330		
k AutoCntrLoSpdCntrWindow HwDeg f32	31.4061165		
k AutoCntrLoSpdFilt1Kn Hz f32	0.000199999995		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0231999997		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	665.639221		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	3.52301908		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	52.7404022		
k_AutoCntrLoSpdTimer1_mS_u16	58388		
k_AutoCntrLoSpdTimer2_mS_u16	25970		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989		
k SLPEnableBFCheck Cnt Igc	0		
k_SLPHwAuthority_Uls_f32	0.119999997		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	992.554016		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0		
target Rte Inst Ap VehDyn 2.Pim MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	824746752		
		Provente d Walter	D
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	457.561249	457.561249 ± 0.2	_
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	73.4022675	73.4022675 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	9.91502762	9.91502762 ± 0.04	•
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	84.4373398	84.4373398 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	44272	44272 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	15330	15330 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	824746752	824746752	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	824746752	824746752	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.50339508e-006	2.51327106e-006 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000291526318	0.000291497301 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	407.382568	407.382568 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	171.811264	171.811264 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.11670542	5.11670542 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	47.2272682	47.2272682 ± 0.0625	-
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	44272	44272 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	21109	21109 ± 2	-
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	824746752	824746752	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	824746752	824746752	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	-
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	665.639221	665.639221 ± 0.2	-
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	52.7404022	52.7404022 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.52301908	3.52301908 ± 0.04	-
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	31.4061165	31.4061165 ± 0.0625	-
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	58388	58388 ± 2	-
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	25970	25970 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	824746752	824746752	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	824746752	824746752	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.50339508e-006	2.51327106e-006 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000291526318	0.000291497301 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	
VehDyn_SLPHwAuth_Uls_M_f32	0.119999997	0.119999997	•
VehDyn SLPHwPos HwDeg M f32	992.554016	992.554016	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.26 (Repeat Count = 1)	v v v v v v v v v v v v v v v v v v v
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	3.12775111
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00520000001
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.063000001
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	602.94635

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Name	Input Value		
k AutoCntrHiSpdTimer1PinTrq HwNm f32	10.0753288		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	221.670746		
k AutoCntrHiSpdTimer1 mS u16	58454		
k AutoCntrHiSpdTimer2 mS u16	22220		
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	68.7160416		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	155.820129		
k AutoCntrHiSpdTimer4PinTrg HwNm f32	2.29925823		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	81.0852356		
k_AutoCntrHiSpdTimer4_mS_u16	20609		
k AutoCntrLoSpdCntrWindow HwDeg f32	29.8536549		
k AutoCntrLoSpdFilt1Kn Hz f32	0.100000001		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00249999994		
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	255.177094		
k AutoCntrLoSpdTimer1PinTrg HwNm f32	3.44891739		
k AutoCntrLoSpdTimer1VehSpd kph f32	221.320831		
k AutoCntrLoSpdTimer1 mS u16	46162		
k_AutoCntrLoSpdTimer2_mS_u16	50158		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00520000001		
k SLPEnableBFCheck Cnt lgc	1		
	0.126599997		
k_SLPHwAuthority_UIs_f32			
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	968.520996		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_Igc			
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	309385728	1=	1
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	155.820129	155.820129 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	81.0852356	81.0852356 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.29925823	2.29925823 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	68.7160416	68.7160416 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	58454	58454 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	20609	20609 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	309385728	309385728	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	309385728	309385728	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584786 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	3.14116478e-005	3.14154313e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	602.94635	602.94635 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	221.670746	221.670746 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.0753288	10.0753288 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	3.12775111	3.12775087 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	58454	58454 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	22220	22220 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	309385728	309385728	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	309385728	309385728	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53429888e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	255.177094	255.177094 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	221.320831	221.320831 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.44891739	3.44891739 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	29.8536549	29.8536549 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	46162	46162 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	50158	50158 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	309385728	309385728	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	309385728	309385728	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584786 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	3.14116478e-005	3.14154313e-005 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.53266907e-005	6.53429888e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace			<b>✓</b>	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>

Test Step 2.27 (Repeat Count = 1)		<b>~</b>
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	





Name	Input Value		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	23.8171101		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0759999976		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00200000009		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	79.877243		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	3.8524735		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	164.951675		
k_AutoCntrHiSpdTimer1_mS_u16	16138		
k_AutoCntrHiSpdTimer2_mS_u16	23331		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	78.1467133		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	32.7761002		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	2.07399654		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	38.1457062		
k_AutoCntrHiSpdTimer4_mS_u16	46166		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	81.6020432		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.000300000014		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00600000005		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	367.93277 10.7041206		
k_AutoCntrl_oSpdTimer1VehSpd_kph_f32	150.688919		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32 k_AutoCntrLoSpdTimer1_mS_u16	22835		
k_AutoCntrLoSpdTimer2_mS_u16	13127		
k AutoCntrPinTrqLPFCoeffKn Hz f32	0.0759999976		
k SLPEnableBFCheck Cnt lgc	0		
k SLPHwAuthority Uls f32	0.133200005		
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	944.487976		
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	4164171008		
Name	Actual Value	Expected Value	Result
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	32.7761002	32.7761002 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	38.1457062	38.1457062 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.07399654	2.07399654 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	78.1467133	78.1467133 ± 0.0625	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	16138	16138 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	46166	46166 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4164171008	4164171008	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4164171008	4164171008	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.75509262e-006	3.76990397e-006 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53953791e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	79.877243	79.877243 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	164.951675	164.951675 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3.8524735	3.8524735 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	23.8171101	23.8171101 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	16138	16138 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	23331	23331 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4164171008	4164171008	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4164171008	4164171008	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000954568386	0.000954588235 ± 1.25663627181805E-06	<b>V</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	367.93277	367.93277 ± 0.2	- 4
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	150.688919	150.688919 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.7041206 81.6020432	10.7041206 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	22835	81.6020432 ± 0.0625 22835 ± 2	
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	13127	13127 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4164171008	4164171008	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4164171008	4164171008	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.75509262e-006	3.76990397e-006 ± 1.25663627181805E-06	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53953791e-005 ± 1.25663627181805E-06	
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.000954568386	0.000954588235 ± 1.25663627181805E-06	
VehDyn SLPHwAuth Uls M f32	0.133200005	0.133200005	~
VehDyn_SLPHwPos_HwDeg_M_f32	944.487976	944.487976	-
<u>,                                     </u>	1	1	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>





Test Step 2.28 (Repeat Count = 1)		•
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	37.7641106	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0225000009	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0049999989	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	12.4052467	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	16.2494946	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	168.530762	
k_AutoCntrHiSpdTimer1_mS_u16	18642	
k_AutoCntrHiSpdTimer2_mS_u16	24442	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	5.24184275	
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	638.897888	
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	7.65499401	
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	82.6361694	
k_AutoCntrHiSpdTimer4_mS_u16	51569	
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	31.2713699	
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0350000001	
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00019999995	
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	537.7453	
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	8.52731705	
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	193.256531	
k_AutoCntrLoSpdTimer1_mS_u16	29076	
k_AutoCntrLoSpdTimer2_mS_u16	43868	
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0225000009	
k_SLPEnableBFCheck_Cnt_lgc	1	
k_SLPHwAuthority_UIs_f32	0.139799997	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	920.455017	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_Igc	0	
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset 437658624	
tgt_GetSystemTime_mS_u32_CurrentTime		Decul
Name	Actual Value Expected Value	Resul
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	638.897888 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	82.6361694 82.6361694 ± 0.5 7.65499401 7.65499401 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	7.05499401 7.05499401 ± 0.04 5.24184275 5.24184275 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	18642 18642 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	51569 51569 ± 2	
	437658624 437658624	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	437658624 437658624	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000439703465 0.000439726253 ± 1.25663627181805E-06	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000439703465         0.000439726253 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	0.000439703465         0.000439726253 ± 1.25663627181805E-06           2.50339508e-006         2.51327106e-006 ± 1.25663627181805E-06           12.4052467         12.4052467 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	0.000439703465       0.000439726253 ± 1.25663627181805E-06         2.50339508e-006       2.51327106e-006 ± 1.25663627181805E-06         12.4052467       12.4052467 ± 0.2         168.530762       168.530762 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0.000439703465     0.000439726253 ± 1.25663627181805E-06       2.50339508e-006     2.51327106e-006 ± 1.25663627181805E-06       12.4052467     12.4052467 ± 0.2       168.530762     168.530762 ± 0.5       16.2494946     16.2494946 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	0.000439703465       0.000439726253 ± 1.25663627181805E-06         2.50339508e-006       2.51327106e-006 ± 1.25663627181805E-06         12.4052467       12.4052467 ± 0.2         168.530762       168.530762 ± 0.5         16.2494946       16.2494946 ± 0.04         37.7641106       37.7641106 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	0.000439703465       0.000439726253 ± 1.25663627181805E-06         2.50339508e-006       2.51327106e-006 ± 1.25663627181805E-06         12.4052467       12.4052467 ± 0.2         168.530762       168.530762 ± 0.5         16.2494946       16.2494946 ± 0.04         37.7641106       37.7641106 ± 0.0625         18642       18642 ± 2	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	0.000439703465       0.000439726253 ± 1.25663627181805E-06         2.50339508e-006       2.51327106e-006 ± 1.25663627181805E-06         12.4052467       12.4052467 ± 0.2         168.530762       168.530762 ± 0.5         16.2494946       16.2494946 ± 0.04         37.7641106       37.7641106 ± 0.0625         18642       18642 ± 2         24442       24442 ± 2	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0.000439703465       0.000439726253 ± 1.25663627181805E-06         2.50339508e-006       2.51327106e-006 ± 1.25663627181805E-06         12.4052467       12.4052467 ± 0.2         168.530762       168.530762 ± 0.5         16.2494946       16.2494946 ± 0.04         37.7641106       37.7641106 ± 0.0625         18642       18642 ± 2         24442       24442 ± 2         437658624       437658624	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0.000439703465       0.000439726253 ± 1.25663627181805E-06         2.50339508e-006       2.51327106e-006 ± 1.25663627181805E-06         12.4052467       12.4052467 ± 0.2         168.530762       168.530762 ± 0.5         16.2494946       16.2494946 ± 0.04         37.7641106       37.7641106 ± 0.0625         18642       18642 ± 2         24442       24442 ± 2         437658624       437658624         437658624       437658624	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000439703465       0.000439726253 ± 1.25663627181805E-06         2.50339508e-006       2.51327106e-006 ± 1.25663627181805E-06         12.4052467       12.4052467 ± 0.2         168.530762       168.530762 ± 0.5         16.2494946       16.2494946 ± 0.04         37.7641106       37.7641106 ± 0.0625         18642       18642 ± 2         24442       24442 ± 2         437658624       437658624         437658624       0.00028270483         0.000282703375 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000439703465       0.000439726253 ± 1.25663627181805E-06         2.50339508e-006       2.51327106e-006 ± 1.25663627181805E-06         12.4052467       12.4052467 ± 0.2         168.530762       168.530762 ± 0.5         16.2494946       16.2494946 ± 0.04         37.7641106       37.7641106 ± 0.0625         18642       18642 ± 2         24442       24442 ± 2         437658624       437658624         437658624       437658624         0.00028270483       0.000282703375 ± 1.25663627181805E-06         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	0.000439703465       0.000439726253 ± 1.25663627181805E-06         2.50339508e-006       2.51327106e-006 ± 1.25663627181805E-06         12.4052467       12.4052467 ± 0.2         168.530762       168.530762 ± 0.5         16.2494946       16.2494946 ± 0.04         37.7641106       37.7641106 ± 0.0625         18642       18642 ± 2         24442       24442 ± 2         437658624       437658624         437658624       437658624         0.00028270483       0.000282703375 ± 1.25663627181805E-06         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         537.7453       537.7453 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0.000439703465       0.000439726253 ± 1.25663627181805E-06         2.50339508e-006       2.51327106e-006 ± 1.25663627181805E-06         12.4052467       12.4052467 ± 0.2         168.530762       168.530762 ± 0.5         16.2494946       16.2494946 ± 0.04         37.7641106       37.7641106 ± 0.0625         18642       18642 ± 2         24442       24442 ± 2         437658624       437658624         437658624       437658624         0.00028270483       0.000282703375 ± 1.25663627181805E-06         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         537.7453       537.7453 ± 0.2         193.256531       193.256531 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	0.000439703465       0.000439726253 ± 1.25663627181805E-06         2.50339508e-006       2.51327106e-006 ± 1.25663627181805E-06         12.4052467       12.4052467 ± 0.2         168.530762       168.530762 ± 0.5         16.2494946       16.2494946 ± 0.04         37.7641106       37.7641106 ± 0.0625         18642       18642 ± 2         24442       24442 ± 2         437658624       437658624         437658624       437658624         0.00028270483       0.000282703375 ± 1.25663627181805E-06         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         537.7453       537.7453 ± 0.2         193.256531       193.256531 ± 0.5         8.52731705       8.52731705 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	0.000439703465       0.000439726253 ± 1.25663627181805E-06         2.50339508e-006       2.51327106e-006 ± 1.25663627181805E-06         12.4052467       12.4052467 ± 0.2         168.530762       168.530762 ± 0.5         16.2494946       16.2494946 ± 0.04         37.7641106       37.7641106 ± 0.0625         18642       18642 ± 2         24442       24442 ± 2         437658624       437658624         437658624       437658624         0.00028270483       0.000282703375 ± 1.25663627181805E-06         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         537.7453       537.7453 ± 0.2         193.256531       193.256531 ± 0.5         8.52731705       8.52731705 ± 0.04         31.2713699       31.2713699 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0.000439703465       0.000439726253 ± 1.25663627181805E-06         2.50339508e-006       2.51327106e-006 ± 1.25663627181805E-06         12.4052467       12.4052467 ± 0.2         168.530762       168.530762 ± 0.5         16.2494946       16.2494946 ± 0.04         37.7641106       37.7641106 ± 0.0625         18642       18642 ± 2         24442       24442 ± 2         437658624       437658624         437658624       437658624         0.00028270483       0.000282703375 ± 1.25663627181805E-06         537.7453       537.7453 ± 0.2         193.256531       193.256531 ± 0.5         8.52731705       8.52731705 ± 0.04         31.2713699       31.2713699 ± 0.0625         29076       29076 ± 2	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	0.000439703465       0.000439726253 ± 1.25663627181805E-06         2.50339508e-006       2.51327106e-006 ± 1.25663627181805E-06         12.4052467       12.4052467 ± 0.2         168.530762       168.530762 ± 0.5         16.2494946       16.2494946 ± 0.04         37.7641106       37.7641106 ± 0.0625         18642       18642 ± 2         24442       24442 ± 2         437658624       437658624         437658624       437658624         0.00028270483       0.000282703375 ± 1.25663627181805E-06         537.7453       537.7453 ± 0.2         193.256531       193.256531 ± 0.5         8.52731705       8.52731705 ± 0.04         31.2713699       31.2713699 ± 0.0625         29076       29076 ± 2         43868       43868 ± 2	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtPol_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	0.000439703465       0.000439726253 ± 1.25663627181805E-06         2.50339508e-006       2.51327106e-006 ± 1.25663627181805E-06         12.4052467       12.4052467 ± 0.2         168.530762       168.530762 ± 0.5         16.2494946       16.2494946 ± 0.04         37.7641106       37.7641106 ± 0.0625         18642       18642 ± 2         24442       24442 ± 2         437658624       437658624         437658624       437658624         0.00028270483       0.000282703375 ± 1.25663627181805E-06         537.7453       537.7453 ± 0.2         193.256531       193.256531 ± 0.5         8.52731705       8.52731705 ± 0.04         31.2713699       31.2713699 ± 0.0625         29076       29076 ± 2         43868       43868 ± 2         437658624       437658624	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0.000439703465       0.000439726253 ± 1.25663627181805E-06         2.50339508e-006       2.51327106e-006 ± 1.25663627181805E-06         12.4052467       12.4052467 ± 0.2         168.530762       168.530762 ± 0.5         16.2494946       16.2494946 ± 0.04         37.7641106       37.7641106 ± 0.0625         18642       18642 ± 2         24442       24442 ± 2         437658624       437658624         437658624       437658624         0.00028270483       0.000282703375 ± 1.25663627181805E-06         537.7453       537.7453 ± 0.2         193.256631       193.256531 ± 0.5         8.52731705       8.52731705 ± 0.04         31.2713699       31.2713699 ± 0.0625         29076       29076 ± 2         43868       43868 ± 2         437658624       437658624         437658624       437658624	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtPol_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u20 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000439703465       0.000439726253 ± 1.25663627181805E-06         2.50339508e-006       2.51327106e-006 ± 1.25663627181805E-06         12.4052467       12.4052467 ± 0.2         168.530762       168.530762 ± 0.5         16.2494946       16.2494946 ± 0.04         37.7641106       37.7641106 ± 0.0625         18642       18642 ± 2         24442       24442 ± 2         437658624       437658624         0.00028270483       0.000282703375 ± 1.25663627181805E-06         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         537.7453       193.256531 ± 0.5         8.52731705       8.52731705 ± 0.04         31.2713699       31.2713699 ± 0.0625         29076       29076 ± 2         43868       43868 ± 2         437658624       437658624         0.000439703465       0.000439726253 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000439703465       0.000439726253 ± 1.25663627181805E-06         2.50339508e-006       2.51327106e-006 ± 1.25663627181805E-06         12.4052467       12.4052467 ± 0.2         168.530762       168.530762 ± 0.5         16.2494946       16.2494946 ± 0.04         37.7641106       37.7641106 ± 0.0625         18642       18642 ± 2         24442 ± 2       437658624         437658624       437658624         0.00028270483       0.000282703375 ± 1.25663627181805E-06         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         537.7453       193.256531 ± 0.5         8.52731705       8.52731705 ± 0.04         31.2713699       31.2713699 ± 0.0625         29076       29076 ± 2         43868       43868 ± 2         437658624       437658624         0.000439703465       0.000439726253 ± 1.25663627181805E-06         2.50339508e-006       2.51327106e-006 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtPol_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u20 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000439703465       0.000439726253 ± 1.25663627181805E-06         2.50339508e-006       2.51327106e-006 ± 1.25663627181805E-06         12.4052467       12.4052467 ± 0.2         168.530762       168.530762 ± 0.5         16.2494946       16.2494946 ± 0.04         37.7641106       37.7641106 ± 0.0625         18642       18642 ± 2         24442       24442 ± 2         437658624       437658624         0.00028270483       0.000282703375 ± 1.25663627181805E-06         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         537.7453       193.256531 ± 0.5         8.52731705       8.52731705 ± 0.04         31.2713699       31.2713699 ± 0.0625         29076       29076 ± 2         43868       43868 ± 2         437658624       437658624         0.000439703465       0.000439726253 ± 1.25663627181805E-06	



Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Input Value		
tgt_GetSystemTime_mS_u32_Current	Time	
	gMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
target_Rte_Inst_Ap_VehDyn_2		
0.146400005		
896.421997		
1		
1		
target_Pim_MotPosReset		
3941357312		
Actual Value	Expected Value	Res
344.000977	344.000977 ± 0.2	
122.149155	122.149155 ± 0.5	
1.13386405	1.13386393 ± 0.04	
23.2325249	23.2325249 ± 0.0625	
35706	35706 ± 2	
10394	10394 ± 2	
3941357312	3941357312	
3941357312	3941357312	
0.000703454018	0.00070346921 ± 1.25663627181805E-06	
0.00125586987	0.00125584786 ± 1.25663627181805E-06	
349.296539	349.296539 ± 0.2	
65.5278778	65.5278778 ± 0.5	
1.81056666	1.81056666 ± 0.04	
39.3153801	39.3153801 ± 0.0625	
35706	35706 ± 2	
3941357312	3941357312	
3941357312	3941357312	
0.000791370869	0.000791368075 ± 1.25663627181805E-06	
0.000616788864	0.000616818492 ± 1.25663627181805E-06	
37.5066719	37.5066719 ± 0.2	
	000000±0.E	
	237 538071 + 0.5	
237.538071	237.538071 ± 0.5 2 22880888 + 0.04	
237.538071 2.22880888	2.22880888 ± 0.04	
237.538071 2.22880888 37.9574203	2.22880888 ± 0.04 37.9574203 ± 0.0625	
237.538071 2.22880888 37.9574203 32821	2.22880888 ± 0.04 37.9574203 ± 0.0625 32821 ± 2	
237.538071 2.22880888 37.9574203 32821 53946	2.22880888 ± 0.04 37.9574203 ± 0.0625 32821 ± 2 53946 ± 2	
237.538071 2.22880888 37.9574203 32821 53946 3941357312	2.22880888 ± 0.04 37.9574203 ± 0.0625 32821 ± 2 53946 ± 2 3941357312	
237.538071 2.22880888 37.9574203 32821 53946	2.22880888 ± 0.04 37.9574203 ± 0.0625 32821 ± 2 53946 ± 2	
	39.3153801 0.06300001 0.0491000004 349.296539 1.81056666 65.5278778 35706 25553 23.2325249 344.000977 1.13386405 122.149155 10394 37.9574203 0.0560000017 0.100000001 37.5066719 2.2288088 237.538071 32821 53946 0.063000001 0 0.146400005 896.421997 1 1 1 target_Pim_MotPosReset 3941357312 Actual Value 344.000977 122.149155 1.13386405 23.2325249 35706 10394 3941357312 3941357312 0.000703454018 0.00125586987 349.296539 65.5278778 1.81056666 39.3153801 35706 25553 3941357312	39.3153801 0.063000001 0.0491000004 349.296539 1.81056666 65.5278778 35706 25553 23.2325249 344.000977 1.13388405 122.149155 10394 37.9574203 0.0580000017 0.100000001 37.5066719 2.22880888 237.538071 32821 53946 0.063000001 0 0.146400005 896.421997 1 1 1 1 1 1 1 1 1 1 1 2 1 target_Pim_MotPosReset 3941357312  Actual Value  344.000977 344.00977 344.00977 ± 0.2 122.149155 11.3386405 1.13386405 1.13386405 1.13386393 ± 0.04 23.2325249 23.2325249 23.2325249 10.3225249 ± 0.0625 35706 35706 35706 35706 35706 35706 35706 35706 35706 35706 349.296539 349.3953301 38.3153801 38.3153801 38.3153801 38.3155301 38.3155301 38.3155706 35706

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VehDyn\_Init1

Name	Actual Value	Expected Value	Result
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	i 🗸
VehDyn_SLPHwAuth_Uls_M_f32	0.146400005	0.146400005	<b>✓</b>
VehDyn_SLPHwPos_HwDeg_M_f32	896.421997	896.421997	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>

Test Step 2.30 (Repeat Count = 1) Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_f	Ptr T lac
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	90
k AutoCntrHiSpdCntrWindow HwDeg f32	100	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00200000009	
k AutoCntrHiSpdFilt2Kn Hz f32	0.00899999961	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	643.884338	
k AutoCntrHiSpdTimer1PinTrg HwNm f32	7.05844259	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	123.333405	
k_AutoCntrHiSpdTimer1_mS_u16	57034	
k AutoCntrHiSpdTimer2 mS u16	26664	
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	60.1197929	
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	469.973907	
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	20	
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	236.657074	
k_AutoCntrHiSpdTimer4_mS_u16	25061	
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	40.504673	
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0670000017	
k AutoCntrLoSpdFilt2Kn Hz f32	0.000500000017	
k_AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	415.313232	
k_AutoCntrLoSpdTimer1MitVer_MitRadpS_i32 k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	5.79858875	
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	84.7403259	
k_AutoCntrLoSpdTimerTveriSpd_kpin_i32 k_AutoCntrLoSpdTimer1_mS_u16	40437	
	13059	
k_AutoCntrLoSpdTimer2_mS_u16	0.00200000009	
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	1	
<_SLPEnableBFCheck_Cnt_lgc		
k_SLPHwAuthority_UIs_f32	0.152999997	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	872.388977	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0	
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
tgt_GetSystemTime_mS_u32_CurrentTime	3304439296	
tgt_GetSystemTime_mS_u32_CurrentTime Name	3304439296 Actual Value Expected Value	Resu
tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	3304439296  Actual Value Expected Value 469.973907 469.973907 ± 0.2	•
tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	3304439296  Actual Value Expected Value  469.973907 469.973907 ± 0.2  236.657074 236.657074 ± 0.5	•
tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	3304439296         Expected Value           469.973907         469.973907 ± 0.2           236.657074         236.657074 ± 0.5           20         20 ± 0.04	
gt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	3304439296  Actual Value Expected Value  469.973907 469.973907 ± 0.2  236.657074 236.657074 ± 0.5	•
gt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	3304439296         Expected Value           469.973907         469.973907 ± 0.2           236.657074         236.657074 ± 0.5           20         20 ± 0.04	•
tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	3304439296         Expected Value           469.973907         469.973907 ± 0.2           236.657074         236.657074 ± 0.5           20         20 ± 0.04           60.1197929         60.1197929 ± 0.0625	,
tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3304439296         Expected Value           469.973907         469.973907 ± 0.2           236.657074         236.657074 ± 0.5           20         20 ± 0.04           60.1197929         60.1197929 ± 0.0625           57034         57034 ± 2	
tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	Actual Value         Expected Value           469.973907         469.973907 ± 0.2           236.657074         236.657074 ± 0.5           20         20 ± 0.04           60.1197929         60.1197929 ± 0.0625           57034         57034 ± 2           25061         25061 ± 2	
tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3304439296         Expected Value           469.973907         469.973907 ± 0.2           236.657074         236.657074 ± 0.5           20         20 ± 0.04           60.1197929         60.1197929 ± 0.0625           57034         57034 ± 2           25061         25061 ± 2           3304439296         3304439296	
tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3304439296         Expected Value           469.973907         469.973907 ± 0.2           236.657074         236.657074 ± 0.5           20         20 ± 0.04           60.1197929         60.1197929 ± 0.0625           57034         57034 ± 2           25061         25061 ± 2           3304439296         3304439296           3304439296         3304439296	3627181805E-06
tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	3304439296         Expected Value           469.973907         469.973907 ± 0.2           236.657074         236.657074 ± 0.5           20         20 ± 0.04           60.1197929         60.1197929 ± 0.0625           57034         57034 ± 2           25061         25061 ± 2           3304439296         3304439296           3304439296         3304439296           0.000841617584         0.000841592497 ± 1.2566	3627181805E-06
tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	3304439296         Expected Value           469.973907         469.973907 ± 0.2           236.657074         236.657074 ± 0.5           20         20 ± 0.04           60.1197929         60.1197929 ± 0.0625           57034         57034 ± 2           25061         25061 ± 2           3304439296         3304439296           3304439296         3304439296           0.000841617584         0.000841592497 ± 1.2566           6.2584877e-006         6.28316548e-006 ± 1.2566	3627181805E-06
tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	3304439296         Expected Value           469.973907         469.973907 ± 0.2           236.657074         236.657074 ± 0.5           20         20 ± 0.04           60.1197929         60.1197929 ± 0.0625           57034         57034 ± 2           25061         25061 ± 2           3304439296         3304439296           3304439296         3304439296           0.000841617584         0.000841592497 ± 1.2566           6.2584877e-006         6.28316548e-006 ± 1.2566           643.884338         643.884338 ± 0.2	3627181805E-06
tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3304439296         Expected Value           469.973907         469.973907 ± 0.2           236.657074         236.657074 ± 0.5           20         20 ± 0.04           60.1197929         60.1197929 ± 0.0625           57034         57034 ± 2           25061         25061 ± 2           3304439296         3304439296           3304439296         3304439296           0.000841617584         0.000841592497 ± 1.2566           6.2584877e-006         6.28316548e-006 ± 1.2566           643.884338         643.884338 ± 0.2           123.333405         123.333405 ± 0.5	3627181805E-06
tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	3304439296         Expected Value           469.973907         469.973907 ± 0.2           236.657074         236.657074 ± 0.5           20         20 ± 0.04           60.1197929         60.1197929 ± 0.0625           57034         57034 ± 2           25061         25061 ± 2           3304439296         3304439296           3304439296         3304439296           0.000841617584         0.000841592497 ± 1.2566           6.2584877e-006         6.28316548e-006 ± 1.2566           643.884338         643.884338 ± 0.2           123.333405         123.333405 ± 0.5           7.05844259         7.05844259 ± 0.04	3627181805E-06 63627181805E-06
Igg_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	3304439296         Expected Value           469.973907         469.973907 ± 0.2           236.657074         236.657074 ± 0.5           20         20 ± 0.04           60.1197929         60.1197929 ± 0.0625           57034         57034 ± 2           25061         25061 ± 2           3304439296         3304439296           3304439296         3304439296           0.000841617584         0.000841592497 ± 1.2566           6.2584877e-006         6.28316548e-006 ± 1.2566           643.884338         643.884338 ± 0.2           123.333405         123.333405 ± 0.5           7.05844259         7.05844259 ± 0.04           100         100 ± 0.0625	3627181805E-06 63627181805E-06
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3304439296         Expected Value           469.973907         469.973907 ± 0.2           236.657074         236.657074 ± 0.5           20         20 ± 0.04           60.1197929         60.1197929 ± 0.0625           57034         57034 ± 2           25061         25061 ± 2           3304439296         3304439296           3304439296         0.000841592497 ± 1.2566           6.2584877e-006         6.28316548e-006 ± 1.2566           643.884338         643.884338 ± 0.2           123.333405         123.333405 ± 0.5           7.05844259         7.05844259 ± 0.04           100         100 ± 0.0625           57034         57034 ± 2	3627181805E-06 63627181805E-06
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.PittPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u20  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	Actual Value         Expected Value           469.973907         469.973907 ± 0.2           236.657074         236.657074 ± 0.5           20         20 ± 0.04           60.1197929         60.1197929 ± 0.0625           57034         57034 ± 2           25061         25061 ± 2           3304439296         3304439296           3304439296         3304439296           0.000841617584         0.000841592497 ± 1.2566           6.2584877e-006         6.28316548e-006 ± 1.2566           643.884338         643.884338 ± 0.2           123.333405         123.333405 ± 0.5           7.05844259         7.05844259 ± 0.04           100         100 ± 0.0625           57034         57034 ± 2           26664         26664 ± 2	3627181805E-06 63627181805E-06
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.PittPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	Actual Value         Expected Value           469.973907         469.973907 ± 0.2           236.657074         236.657074 ± 0.5           20         20 ± 0.04           60.1197929         60.1197929 ± 0.0625           57034         57034 ± 2           25061         25061 ± 2           3304439296         3304439296           3304439296         3304439296           0.000841617584         0.000841592497 ± 1.2566           643.884338         643.884338 ± 0.2           123.333405         123.333405 ± 0.5           7.05844259         7.05844259 ± 0.04           100         100 ± 0.0625           57034         57034 ± 2           26664         26664 ± 2           3304439296         3304439296	3627181805E-06 63627181805E-06
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.PittPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer3_mS_u32	Actual Value         Expected Value           469.973907         469.973907 ± 0.2           236.657074         236.657074 ± 0.5           20         20 ± 0.04           60.1197929         60.1197929 ± 0.0625           57034         57034 ± 2           25061         25061 ± 2           3304439296         3304439296           3304439296         3304439296           0.000841617584         0.000841592497 ± 1.2566           6.2584877e-006         6.28316548e-006 ± 1.2566           643.884338         643.884338 ± 0.2           123.333405         123.333405 ± 0.5           7.05844259         7.05844259 ± 0.04           100         100 ± 0.0625           57034         57034 ± 2           26664         26664 ± 2           3304439296         3304439296           3304439296         3304439296	3627181805E-06 63627181805E-06
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.PiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u2  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	3304439296         Expected Value           469.973907         469.973907 ± 0.2           236.657074         236.657074 ± 0.5           20         20 ± 0.04           60.1197929         60.1197929 ± 0.0625           57034         57034 ± 2           25061         25061 ± 2           3304439296         3304439296           0.000841617584         0.000841592497 ± 1.2566           6.2584877e-006         6.28316548e-006 ± 1.2566           643.884338         643.884338 ± 0.2           123.333405         123.333405 ± 0.5           7.05844259         7.05844259 ± 0.04           100         100 ± 0.0625           57034         57034 ± 2           26664         26664 ± 2           3304439296         3304439296           3304439296         3304439296           2.51531601e-005         2.51531601e-005 ± 1.2568	3627181805E-06 63627181805E-06 63627181805E-06 63627181805E-06
Itgl_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.PitPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	Actual Value         Expected Value           469.973907         469.973907 ± 0.2           236.657074         236.657074 ± 0.5           20         20 ± 0.04           60.1197929         60.1197929 ± 0.0625           57034         57034 ± 2           25061         25061 ± 2           3304439296         3304439296           0.000841617584         0.000841592497 ± 1.2566           6.2584877e-006         6.28316548e-006 ± 1.2566           643.884338         643.884338 ± 0.2           123.333405         123.333405 ± 0.5           7.05844259         7.05844259 ± 0.04           100         100 ± 0.0625           57034         57034 ± 2           26664         26664 ± 2           3304439296         3304439296           3304439296         3304439296           251531601e-005         2.51324254e-005 ± 1.2566           0.000113070011         0.000113090937 ± 1.2566           415.313232         415.313232 ± 0.2	3627181805E-06 63627181805E-06
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.PiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	Actual Value         Expected Value           469.973907         469.973907 ± 0.2           236.657074         236.657074 ± 0.5           20         20 ± 0.04           60.1197929         60.1197929 ± 0.0625           57034         57034 ± 2           25061         25061 ± 2           3304439296         3304439296           0.000841617584         0.000841592497 ± 1.2566           6.2584877e-006         6.28316548e-006 ± 1.2566           643.884338         643.884338 ± 0.2           123.333405         123.333405 ± 0.5           7.05844259         7.05844259 ± 0.04           100         100 ± 0.0625           57034         57034 ± 2           26664         26664 ± 2           3304439296         3304439296           3304439296         3304439296           2.51531601e-005         2.51324254e-005 ± 1.2566           0.000113070011         0.000113090937 ± 1.2566	3627181805E-06 63627181805E-06 63627181805E-06 63627181805E-06
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.PittPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer3_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer3_mS_u32	Actual Value         Expected Value           469.973907         469.973907 ± 0.2           236.657074         236.657074 ± 0.5           20         20 ± 0.04           60.1197929         60.1197929 ± 0.0625           57034         57034 ± 2           25061         25061 ± 2           3304439296         3304439296           3304439296         3304439296           0.000841617584         0.000841592497 ± 1.2566           6.2584877e-006         6.28316548e-006 ± 1.2566           643.884338         643.884338 ± 0.2           123.333405         123.333405 ± 0.5           7.05844259         7.05844259 ± 0.04           100         100 ± 0.0625           57034         57034 ± 2           26664         26664 ± 2           3304439296         3304439296           3304439296         3304439296           3304439296         3304439296           2.51531601e-005         2.51324254e-005 ± 1.2566           0.000113070011         0.000113090937 ± 1.2566           415.313232         415.313232 ± 0.2           84.7403259         84.7403259 ± 0.5           5.79858875         5.79858875 ± 0.04	3627181805E-06 63627181805E-06 63627181805E-06 63627181805E-06
tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_ms_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	Actual Value         Expected Value           469.973907         469.973907 ± 0.2           236.657074         236.657074 ± 0.5           20         20 ± 0.04           60.1197929         60.1197929 ± 0.0625           57034         57034 ± 2           25061         25061 ± 2           3304439296         3304439296           0.000841617584         0.000841592497 ± 1.2566           6.2584877e-006         6.28316548e-006 ± 1.2566           643.884338         643.884338 ± 0.2           123.333405         123.333405 ± 0.5           7.05844259         7.05844259 ± 0.04           100         100 ± 0.0625           57034         57034 ± 2           26664         26664 ± 2           3304439296         3304439296           3304439296         3304439296           3304439296         3304439296           2.51531601e-005         2.51324254e-005 ± 1.2566           0.000113070011         0.000113090937 ± 1.2566           415.313232         415.313232 ± 0.2           84.7403259         84.7403259 ± 0.5	3627181805E-06 33627181805E-06 33627181805E-06 33627181805E-06





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3304439296	3304439296	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3304439296	3304439296	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000841617584	0.000841592497 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.2584877e-006	6.28316548e-006 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0	0	<b>✓</b>
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	•

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•

Test Step 2.31 (Repeat Count = 1)	Input Value	
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	43.0070915	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0049999989	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0340000018	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	532.273438	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	14.9590406	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	239.526199	
k_AutoCntrHiSpdTimer1_mS_u16	56740	
k_AutoCntrHiSpdTimer2_mS_u16	27775	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	99.817543	
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	0	
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	20	
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	9.99269104	
k_AutoCntrHiSpdTimer4_mS_u16	18881	
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	84.9841919	
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00600000005	
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00449999981	
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	328.558777	
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	13.5039825	
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	138.992935	
k_AutoCntrLoSpdTimer1_mS_u16	2291	
k_AutoCntrLoSpdTimer2_mS_u16	58929	
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989	
k_SLPEnableBFCheck_Cnt_lgc	0.	
k_SLPHwAuthority_Uls_f32	0.159600005	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	848.356018	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
tgt_GetSystemTime_mS_u32_CurrentTime	2167769344	
Name	Actual Value Expected Value	Resu
	0 0 ± 0.2	Resul
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32		
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	9.99269104 9.99269104 ± 0.5 20 20 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32		
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	111 111	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	56740 56740 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18881 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2167769344 2167769344	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2167769344 2167769344	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.53998756e-005 7.53993791e-005 ± 1.25663627181805E-0	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	5.65648079e-005 5.65470691e-005 ± 1.25663627181805E-0	06
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	532.273438 ± 0.2	,
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	239.526199 239.526199 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.9590406 ± 0.04	٠,
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	43.0070915 43.0070915 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	56740 56740 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27775 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2167769344 2167769344	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2167769344 2167769344	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-0	)6
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000427186489 0.000427165331 ± 1.25663627181805E-0	6
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	328.558777 ± 0.2	•
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	138.992935 ± 0.5	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	13.5039825	13.5039825 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	84.9841919	84.9841919 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	2291	2291 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	58929	58929 ± 2	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2167769344	2167769344	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2167769344	2167769344	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53953791e-005 ± 1.25663627181805E-06	· 🗸
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	5.65648079e-005	5.65470691e-005 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0.159600005	0.159600005	•
VehDyn_SLPHwPos_HwDeg_M_f32	848.356018	848.356018	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.32 (Repeat Count = 1)	Invest Malara	
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	84.4737091	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00520000001	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0458000004	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	609.83606	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	3.01206732	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	158.11969	
k_AutoCntrHiSpdTimer1_mS_u16	42810	
k_AutoCntrHiSpdTimer2_mS_u16	28886	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	78.8331146	
<_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	700	
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	12.0596523	
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	195.407715	
<ul> <li>AutoCntrHiSpdTimer4 mS u16</li> </ul>	10213	
k AutoCntrLoSpdCntrWindow HwDeg f32	41.3693123	
< AutoCntrLoSpdFilt1Kn Hz f32	0.00779999979	
< AutoCntrLoSpdFilt2Kn Hz f32	0.0430000015	
AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	209.013977	
AutoCntrLoSpdTimer1PinTrg HwNm f32	17.8311005	
<pre>c_nates to the state of th</pre>	20.6569824	
C_AutoCntrLoSpdTimer1_mS_u16	38868	
AutoCntrLoSpdTimer2 mS u16	57944	
k AutoCntrPinTrqLPFCoeffKn Hz f32	0.00520000001	
k SLPEnableBFCheck Cnt lgc	1	
k SLPHwAuthority Uls f32	0.166199997	
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	824.322998	
target Pim MotPosReset.NVMStoredLastPosValid Cnt lgc	024.322390	
	0	
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
tgt_GetSystemTime_mS_u32_CurrentTime	3714197504	1_
Name	Actual Value Expected Value	Resu
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	700 700 ± 0.2	- '
	105 107715	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	195.407715 ± 0.5	
	19.3407715 195.407715 ± 0.5 12.0596523 12.0596523 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32		
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	12.0596523	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	12.0596523     12.0596523 ± 0.04       78.8331146     78.8331146 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	12.0596523     12.0596523 ± 0.04       78.8331146     78.8331146 ± 0.0625       42810     42810 ± 2	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	12.0596523     12.0596523 ± 0.04       78.8331146     78.8331146 ± 0.0625       42810     42810 ± 2       10213     10213 ± 2	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	12.0596523     12.0596523 ± 0.04       78.8331146     78.8331146 ± 0.0625       42810     42810 ± 2       10213     10213 ± 2       3714197504     3714197504	,
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	12.0596523     12.0596523 ± 0.04       78.8331146     78.8331146 ± 0.0625       42810     42810 ± 2       10213     10213 ± 2       3714197504     3714197504       3714197504     3714197504	-06
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	12.0596523	-06
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	12.0596523     12.0596523 ± 0.04       78.8331146     78.8331146 ± 0.0625       42810     42810 ± 2       10213     10213 ± 2       3714197504     3714197504       9.7990036e-005     9.80128898e-005 ± 1.25663627181805E       0.000540196896     0.000540207955 ± 1.25663627181805E	-06 06
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	12.0596523     12.0596523 ± 0.04       78.8331146     78.8331146 ± 0.0625       42810     42810 ± 2       10213     10213 ± 2       3714197504     3714197504       9.7990036e-005     9.80128898e-005 ± 1.25663627181805E       0.000540196896     0.000540207955 ± 1.25663627181805E       609.83606     609.83606 ± 0.2	-06 06
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	12.0596523     12.0596523 ± 0.04       78.8331146     78.8331146 ± 0.0625       42810     42810 ± 2       10213     10213 ± 2       3714197504     3714197504       9.7990036e-005     9.80128898e-005 ± 1.25663627181805E       0.000540196896     0.000540207955 ± 1.25663627181805E       609.83606     609.83606 ± 0.2       158.11969     158.11969 ± 0.5	-06 06
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	12.0596523     12.0596523 ± 0.04       78.8331146     78.8331146 ± 0.0625       42810     42810 ± 2       10213     10213 ± 2       3714197504     3714197504       9.7990036e-005     9.80128898e-005 ± 1.25663627181805E       0.000540196896     0.000540207955 ± 1.25663627181805E       609.83606     609.83606 ± 0.2       158.11969     158.11969 ± 0.5       3.01206732     3.01206756 ± 0.04	-06
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-06
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.NetVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	12.0596523     12.0596523 ± 0.04       78.8331146     78.8331146 ± 0.0625       42810     42810 ± 2       10213     10213 ± 2       3714197504     3714197504       9.7990036e-005     9.80128898e-005 ± 1.25663627181805E       0.000540196896     0.000540207955 ± 1.25663627181805E       609.83606     609.83606 ± 0.2       158.11969     158.11969 ± 0.5       3.01206732     3.01206756 ± 0.04       84.4737091     84.4737091 ± 0.0625	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53429888e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575374172 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	209.013977	209.013977 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	20.6569824	20.6569824 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	17.8311005	17.8311005 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.3693123	41.3693123 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	38868	38868 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	57944	57944 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3714197504	3714197504	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3714197504	3714197504	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.80128898e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000540196896	0.000540207955 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.53266907e-005	6.53429888e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.33 (Repeat Count = 1)			
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	15.5979691		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0320999995		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00499999989		
<_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	579.395874		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	7.52602291		
<_AutoCntrHiSpdTimer1VehSpd_kph_f32	32.8235931		
<_AutoCntrHiSpdTimer1_mS_u16	20288		
<_AutoCntrHiSpdTimer2_mS_u16	29997		
_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	17.897419		
C_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	334.049988		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	0.106655896		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	18.8970184		
k_AutoCntrHiSpdTimer4_mS_u16	39085		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	73.1804352		
<_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00899999961		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0250000004		
<_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	436.510376		
<_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	10.4573536		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	162.399216		
x_AutoCntrLoSpdTimer1_mS_u16	53970		
x_AutoCntrLoSpdTimer2_mS_u16	52282		
AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0320999995		
_SLPEnableBFCheck_Cnt_lgc	0		
<_SLPHwAuthority_Uls_f32	0.172800004		
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	800.289978		
arget_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
arget_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1		
arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
gt_GetSystemTime_mS_u32_CurrentTime	3323480832		
Name	Actual Value Expected Value	Resu	
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	334.049988 ± 0.2		
/ehDyn AutoCntrDetSpd M str.VehSpd kph f32	18.8970184 18.8970184 ± 0.5		
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0.106655896		
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	17.897419 17.897419 ± 0.0625		
/ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	20288 ± 2		
/ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	39085 ± 2		
/ehDyn AutoCntrDetSpd M str.Timer1 mS u32	3323480832 3323480832		
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3323480832 3323480832		
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011 0.000113090937 ± 1.25663627181805E-	06	
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478		
/ehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	579.395874 579.395874 ± 0.2		
/ehDyn AutoCntrHiSpd M str.VehSpd kph f32	32.8235931 32.8235931 ± 0.5		
/ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	7.52602291 7.52602291 ± 0.04		
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	15.5979691 15.5979691 ± 0.0625		





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20288	20288 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	29997	29997 ± 2	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3323480832	3323480832	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3323480832	3323480832	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403299142 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	436.510376	436.510376 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	162.399216	162.399216 ± 0.5	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.4573536	10.4573536 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	73.1804352	73.1804352 ± 0.0625	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53970	53970 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52282	52282 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3323480832	3323480832	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3323480832	3323480832	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	<b>✓</b>
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000403285027	0.000403299142 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.172800004	0.172800004	<b>✓</b>
VehDyn_SLPHwPos_HwDeg_M_f32	800.289978	800.289978	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime mS u32	1	GetSystemTime mS u32	1	<b>✓</b>

Name	Input Value			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime			
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc			
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2			
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	19.5605583			
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0560000017			
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00200000009			
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	572.561157			
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	10			
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	193.532913			
k_AutoCntrHiSpdTimer1_mS_u16	16201			
k_AutoCntrHiSpdTimer2_mS_u16	54439			
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	75.1727753			
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	20			
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	12.4131937			
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	52.6185455			
k_AutoCntrHiSpdTimer4_mS_u16	54779			
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	27.0724258			
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00200000009			
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00899999961			
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	199.42067			
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	7.28609991			
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	255			
k_AutoCntrLoSpdTimer1_mS_u16	18002			
k_AutoCntrLoSpdTimer2_mS_u16	18842			
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0560000017			
k_SLPEnableBFCheck_Cnt_lgc	0			
k_SLPHwAuthority_UIs_f32	0.317999989			
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	271.563995			
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1			
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1			
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset			
tgt_GetSystemTime_mS_u32_CurrentTime	3524313344			
Name	Actual Value Expected Value	Resul		
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	20 20 ± 0.2			
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.6185455	•		
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.4131937 12.4131937 ± 0.04	٠,		
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.1727753 ± 0.0625	•		
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	16201 16201 ± 2			
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	54779 ± 2	•		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3524313344 3524313344	٠,		
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3524313344 3524313344			
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51531601e-005 2.51324254e-005 ± 1.25663627181805E-06	3		
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000113070011 0.000113090937 ± 1.25663627181805E-06			





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	572.561157	572.561157 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	193.532913	193.532913 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10	10 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	19.5605583	19.5605583 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	16201	16201 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	54439	54439 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3524313344	3524313344	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3524313344	3524313344	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000703454018	0.00070346921 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	199.42067	199.42067 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	255	255 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.28609991	7.28609991 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	27.0724258	27.0724258 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	18002	18002 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	18842	18842 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3524313344	3524313344	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3524313344	3524313344	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000703454018	0.00070346921 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.317999989	0.317999989	~
VehDyn SLPHwPos HwDeg M f32	271.563995	271.563995	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>

Test Step 2.35 (Repeat Count = 1)			
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	49.3403549		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0850000009		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00899999961		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	370.660736		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	13.1525526		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	221.258759		
k_AutoCntrHiSpdTimer1_mS_u16	7034		
k_AutoCntrHiSpdTimer2_mS_u16	31108		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	61.0589485		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	147.148361		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	12.9904881		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	0		
k_AutoCntrHiSpdTimer4_mS_u16	119		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	66.5350952		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0344000012		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.063000001		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	454.12265		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	3.94327784		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	104.969391		
k_AutoCntrLoSpdTimer1_mS_u16	20423		
k_AutoCntrLoSpdTimer2_mS_u16	31368		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0850000009		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_UIs_f32	0.179399997		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	776.257019		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	71426560		
Name	Actual Value	Expected Value	Resu
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	147.148361	147.148361 ± 0.2	
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	0	0 ± 0.5	
VehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	12.9904881	12.9904871 ± 0.04	
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	61.0589485	61.0589485 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034	7034 ± 2	
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	119	119 ± 2	

VehDyn\_Init1



Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	71426560	71426560	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	71426560	71426560	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000432193279	0.000432189729 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	370.660736	370.660736 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	221.258759	221.258759 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	13.1525526	13.1525526 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	49.3403549	49.3403549 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	7034	7034 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31108	31108 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	71426560	71426560	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	71426560	71426560	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00106757879	0.00106757123 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	454.12265	454.12265 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	104.969391	104.969391 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.94327784	3.94327784 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	66.5350952	66.5350952 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	20423	20423 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	31368	31368 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	71426560	71426560	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	71426560	71426560	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000432193279	0.000432189729 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00106757879	0.00106757123 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	-
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.36 (Repeat Count = 1) Name	Input Value		
		AT:	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Cu		
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)		rDiagMgr_GetNTCActive_NTCActive_Ptr_T_	lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	81.7051773		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00899999961		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0250000004		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	275.970886		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	16.2052765		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	10.3126373		
k_AutoCntrHiSpdTimer1_mS_u16	30504		
k_AutoCntrHiSpdTimer2_mS_u16	32219		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	66.4485626		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	625.957947		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	15.7019682		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	255		
k_AutoCntrHiSpdTimer4_mS_u16	45323		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	41.044548		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0458000004		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00200000009		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	184.918839		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	18.828949		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	245.86824		
k_AutoCntrLoSpdTimer1_mS_u16	7034		
k_AutoCntrLoSpdTimer2_mS_u16	39056		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00899999961		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.186000004		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	752.223999		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	2430672128		
Name	Actual Value	Expected Value	Resul
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	625.957947	625.957947 ± 0.2	
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	255	255 ± 0.5	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	15.7019682	15.7019682 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	66.4485626	66.4485626 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	30504	30504 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	45323	45323 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2430672128	2430672128	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2430672128	2430672128	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575374172 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	275.970886	275.970886 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	10.3126373	10.3126373 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.2052765	16.2052765 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	81.7051773	81.7051773 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	30504	30504 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	32219	32219 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2430672128	2430672128	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2430672128	2430672128	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	184.918839	184.918839 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	245.86824	245.86824 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.828949	18.828949 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.044548	41.044548 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	7034	7034 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	39056	39056 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2430672128	2430672128	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2430672128	2430672128	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575374172 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.186000004	0.186000004	~
VehDyn_SLPHwPos_HwDeg_M_f32	752.223999	752.223999	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>

Test Step 2.37 (Repeat Count = 1)	· ·
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	32.0222664
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0049999989
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.063000001
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	575.91394
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.9376688
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	204.072876
k_AutoCntrHiSpdTimer1_mS_u16	5222
k_AutoCntrHiSpdTimer2_mS_u16	33330
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	93.8445969
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	312.352844
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	8.16609764
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	68.0500031
k_AutoCntrHiSpdTimer4_mS_u16	31042
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	95.9834061
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0049999989
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00499999989
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	195.818787
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	7.82910013
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	29.3435669
k_AutoCntrLoSpdTimer1_mS_u16	25532
k_AutoCntrLoSpdTimer2_mS_u16	27401
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0049999989
k_SLPEnableBFCheck_Cnt_lgc	1
k_SLPHwAuthority_Uls_f32	0.192599997
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	728.190979
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0
$target\_Rte\_Call\_Ap\_VehDyn\_NxtrDiagMgr\_GetNTCActive\_NTCActive\_Ptr\_T\_lgc$	0
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset



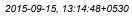


Name	Input Value		
tgt_GetSystemTime_mS_u32_CurrentTime	2242866176		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	312.352844	312.352844 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	68.0500031	68.0500031 ± 0.5	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.16609764	8.16609764 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	93.8445969	93.8445969 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	5222	5222 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	31042	31042 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2242866176	2242866176	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2242866176	2242866176	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	575.91394	575.91394 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	204.072876	204.072876 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.9376688	8.9376688 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.0222664	32.0222664 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	5222	5222 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	33330	33330 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2242866176	2242866176	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2242866176	2242866176	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	195.818787	195.818787 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	29.3435669	29.3435669 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.82910013	7.82910013 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	95.9834061	95.9834061 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	25532	25532 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27401	27401 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2242866176	2242866176	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2242866176	2242866176	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>

Test Step 2.38 (Repeat Count = 1)	✓
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	43.6620522
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00200000009
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0149999997
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	448.286377
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	20
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	144.583755
k_AutoCntrHiSpdTimer1_mS_u16	0
k_AutoCntrHiSpdTimer2_mS_u16	41107
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	62.654911
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	608.513794
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	11.5653687
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	65
k_AutoCntrHiSpdTimer4_mS_u16	51504
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	91.3417435
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0320999995
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00499999989
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	487.27597
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	12.8190889
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	254.395218
k_AutoCntrLoSpdTimer1_mS_u16	30404
k_AutoCntrLoSpdTimer2_mS_u16	30349
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00200000009
k_SLPEnableBFCheck_Cnt_lgc	0
k_SLPHwAuthority_Uls_f32	0.238800004

VehDyn\_Init1





VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32       2303132928       2303132928         VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32       2303132928       2303132928         VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32       0.000403285027       0.000403299142 ± 1.25663627181805E-06         VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32       448.286377       448.286377 ± 0.2         VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32       144.583755       144.583755 ± 0.5         VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32       20       20 ± 0.04         VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32       43.6620522       43.6620522 ± 0.0625         VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16       0       0 ± 2         VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16       41107       41107 ± 2         VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32       2303132928       2303132928	Name	Input Value		
larget_Rie_Call_Ap_VehDyn_NtrDiagMgr_GelNTCActive_NTCActive_Pir_T_Igc target_Pire_MolPosReset target_Pire_MolPosReset_Pire_Pire_Pire_Pire_Pire_Pire_Pire_Pire	target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	559.960022		
target_Rie_Inst_Ap_VehDyn_2.Pim_MoiPosReset   target_Pim_MoiPosReset   tg_CetSystemTime_ms_U32_CurrentTime   2005132928	target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
Result   Name	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1		
Name         Actual Value         Expected Value         Result           VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32         608.513794         608.513794 ± 0.2         ✓           VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32         65         65 ± 0.5         ✓           VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32         62.654911         62.654911 ± 0.0625         ✓           VehDyn_AutoCntrDetSpd_M_str.TimerTImens_ms_u16         0         0 ± 2         ✓           VehDyn_AutoCntrDetSpd_M_str.TimerTImens_ms_u16         51504         51504 ± 2         ✓           VehDyn_AutoCntrDetSpd_M_str.Timer2_ms_u32         2303132928         2303132928         ✓           VehDyn_AutoCntrDetSpd_M_str.Timer2_ms_u32         2303132928         2303132928         ✓           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltSV_HwDeg_str.K_UIs_f32         0.000403289027         0.00040329942±125663627181805E-06         ✓           VehDyn_AutoCntrHispd_M_str.RelHwPosFiltSV_HwDeg_str.K_UIs_f32         62.82289806-005         6.282980806-005 ± 1.25663627181805E-06         ✓           VehDyn_AutoCntrHispd_M_str.VehSpd_kph_f32         448.286377         448.286377 ± 0.2         ✓         VehDyn_AutoCntrHispd_M_str.Timer1_ms_u16         0         0         0         0         0         0         0         VehDyn_AutoCntrHispd_M_str.Timer1_ms_u16         0         0<	target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
VehDyn_AutoCntrDetSpd_M_str VehSpd_kpd_132         608.513794         608.513794 ± 0.2           VehDyn_AutoCntrDetSpd_M_str VehSpd_kpd_132         65         65 ± 0.5           VehDyn_AutoCntrDetSpd_M_str.FilliPhiTrq_HwNm_fil22         11.6653687         11.6653687 ± 0.04           VehDyn_AutoCntrDetSpd_M_str.FilliPhiTrq_HwNm_fil22         62.654911         62.654911 ± 0.0625           VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16         0         0 ± 2           VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16         51504         51504 ± 2           VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u22         2303132928         2303132928           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         0.000403299142 ± 1.25663627181805E-06         VehDyn_AutoCntrDetSpd_M_str.Mirel_Mireositil2SV_HwDeg_str.K_Uls_f32         0.000403299142 ± 1.25663627181805E-06           VehDyn_AutoCntrHiSpd_M_str.Mirel_Mireositil2SV_HwDeg_str.K_Uls_f32         488.286377         448.286377 ± 0.2           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u52         414.583755 ± 0.5         448.286377 ± 0.2           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u5         10         0         0 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u52         10         0         0 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer1_Thresh_mS_u16 <t< td=""><td>tgt_GetSystemTime_mS_u32_CurrentTime</td><td>2303132928</td><td></td><td></td></t<>	tgt_GetSystemTime_mS_u32_CurrentTime	2303132928		
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32         65 ± 0.5           VehDyn_AutoCntrDetSpd_M_str.FilliphirTq_Hwhm_f32         11.5653687         11.5653687 ± 0.04           VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32         62.654911         62.654911 ± 0.0625           VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16         0         0 ± 2           VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16         51504         51504 ± 2           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilttSV_HwDeg_str.K_UIs_f32         0.0004032895027         0.000403299142 ± 1.25663627181805E-06           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltSV_HwDeg_str.K_UIs_f32         6.28232966e-005         6.28298803e-005 ± 1.25663627181805E-06           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.K_UIs_f32         448.286377         448.286377 ± 0.5           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.K_UIs_f32         144.583755 ± 0.5         448.286377 ± 0.0           VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32         43.6620522         43.6620522 ± 0.0625         42.64004           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2303132928         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 <t< td=""><td>Name</td><td>Actual Value</td><td>Expected Value</td><td>Result</td></t<>	Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32         11.5653687         11.5653687 ± 0.04           VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32         62.654911         62.654911 ± 0.0625           VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16         0         0 ± 2           VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16         51504         51504 ± 2           VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u22         2303132928         2303132928           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrDetSpd_M_str.Fill*SV_LHwDeg_str.K_UIs_f32         0.000403299142 ± 1.25663627181805E-06         VehDyn_AutoCntrDetSpd_M_str.Fill*MY=IMTRadpS_f32         448.286377         448.286377         448.286377         448.286377 ± 0.5         VehDyn_AutoCntrHiSpd_M_str.Fill*PinTrq_HwNm_f32         20         6.28298060-005 ± 1.25663627181805E-06         VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u5         20         0         20 ± 0.04         VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u5         448.286377         448.286377         448.286377 ± 0.5         VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u5         0         0         0 ± 2         VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u5         445.662522         43.660522 ± 0.0625         45.660522 ± 0.0625         VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2303	VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	608.513794	608.513794 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str. CntrWindow_HwDeg_f32         62.654911         62.654911 ± 0.0625           VehDyn_AutoCntrDetSpd_M_str. Timer1Thresh_mS_u16         0         0 ± 2           VehDyn_AutoCntrDetSpd_M_str. Timer1Thresh_mS_u16         51504         51504 ± 2           VehDyn_AutoCntrDetSpd_M_str. Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrDetSpd_M_str. Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrDetSpd_M_str. RelHwPosFiltSV_HwDeg_str. K_Uls_f32         0.00040329142 ± 1.25663627181805E-06           VehDyn_AutoCntrDetSpd_M_str. RelHwPosFilt2SV_HwDeg_str. K_Uls_f32         48.286377         48.286377 ± 0.2           VehDyn_AutoCntrHiSpd_M_str. WehSpd_kph_f32         144.583755         144.583755 ± 0.5           VehDyn_AutoCntrHiSpd_M_str. FiltPinTrq_HwMm_f32         20         20 ± 0.04           VehDyn_AutoCntrHiSpd_M_str. FiltPinTrq_HwMm_f32         20         20 ± 0.04           VehDyn_AutoCntrHiSpd_M_str. Timer1Thresh_mS_u16         0         0 ± 2           VehDyn_AutoCntrHiSpd_M_str. Timer1Thresh_mS_u16         0         0 ± 2           VehDyn_AutoCntrHiSpd_M_str. Timer2_ms_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str. Timer2_ms_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str. Timer2_ms_u32         2303132928         2303132928	VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	65	65 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16         0         0 ± 2           VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16         51504         51504 ± 2           VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2303132928         2303132928           VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2303132928         2303132928           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.K_UIs_f32         0.000403285027         0.000403299142 ± 1.25663627181805E-06           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.K_UIs_f32         6.28232956e-005         6.2829803e-005 ± 1.25663627181805E-06           VehDyn_AutoCntrHiSpd_M_str.MirtVe_MtrfadSp_f32         448.286377 ± 0.0         448.286377 ± 0.0           VehDyn_AutoCntrHiSpd_M_str.MirtVe_MtrfadSp_f32         144.583755         144.583755 ± 0.5           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         0         0 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         0         0 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.K_UIs_f32         251531601e-0.05         2.51324254e-0.05 ± 1.25663627181805E-06	VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	11.5653687	11.5653687 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2303132928         2303132928           VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2303132928         2303132928           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrDetSpd_M_str.Reil+wPosFiltSV_HwDeg_str.K_UIs_f32         0.000403285027         0.000403299142 ± 1.25663627181805E-06           VehDyn_AutoCntrDetSpd_M_str.Reil+wPosFiltSV_HwDeg_str.K_UIs_f32         0.828232956e-005         6.28298803e-005 ± 1.25663627181805E-06           VehDyn_AutoCntrHiSpd_M_str.NitrVel_mtrRadpS_f32         448.286377         448.286377 ± 0.2           VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32         144.583755         144.583755 ± 0.5           VehDyn_AutoCntrHiSpd_M_str.Timer_ntr_MS_2         20         20 ± 0.04           VehDyn_AutoCntrHiSpd_M_str.TimerTmtpsh_mS_u16         0         0 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16         41107         41107 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer2_ms_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFiltSV_HwDeg_str.K_UIs_f32         251531601e-005         2.51324254e-005 ± 1.25663627181805E-06           VehDyn_AutoCntrLiSpd_M_str.ReiHwPosFiltSV_HwDeg_str.K_UIs_f32         251531601e-005         2.51324254e-005 ± 1.25663627181805E-06           VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFiltSV_HwDeg_str.K_UIs_f32	VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	62.654911	62.654911 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2303132928         2303132928           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltISV_HwDeg_str.K_Uls_f32         0.000403285027         0.00040329142 ± 1.25663627181805E-06           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltISV_HwDeg_str.K_Uls_f32         0.828328956e-005         6.28298803e-005 ± 1.25663627181805E-06           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltISV_HwDeg_str.K_Uls_f32         448.286377         448.286377 ± 0.2           VehDyn_AutoCntrHiSpd_M_str.PehPolk_kpf_f32         144.583755         144.583755 ± 0.5           VehDyn_AutoCntrHiSpd_M_str.CitrVindow_HwDeg_f32         43.6620522         43.6620522 ± 0.0625           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         0         0 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16         41107         41107 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltISV_HwDeg_str.K_Uls_f32         2.51531601e-005         2.515324254e-005 ± 1.25663627181805E-06           VehDyn_AutoCntrLioSpd_M_str.MitVel_MitRadpS_f32         487.27597         487.27597 ± 0.2         487.27597 ± 0.2           VehDyn_AutoCntrLioSpd_M_str.VehSpd_kpl	VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	0	0 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitI4SV_HwDeg_str.K_Uls_f32         0.000403285027         0.000403299142±1.25663627181805E-06           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitI4SV_HwDeg_str.K_Uls_f32         6.28232956e-005         6.28298809a-005±1.25663627181805E-06           VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32         448.286377         448.286377±0.2           VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32         144.583755         144.583755±0.5           VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32         20         20±0.04           VehDyn_AutoCntrHiSpd_M_str.Timer1_mF_us_uf6         0         0±2           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u52         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.K_Uls_f32         2.51531601e-005         2.51324254e-005±1.25663627181805E-06           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         487.27597         487.27597±0.2           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt3SV_HwDeg_str.K_Uls_f32         254.395218         254.395218±0.5           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt3SV_HwDeg_str.K_Uls_f32         254.395218	VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	51504	51504 ± 2	~
VehDyn_AutoCntrDelSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32         0.000403285027         0.000403299142 ± 1.25663627181805E-06           VehDyn_AutoCntrDelSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         6.28232956e-005         6.28298803e-005 ± 1.25663627181805E-06           VehDyn_AutoCntrHiSpd_M_str.MirVel_MtrRadpS_f32         448.286377         448.286377 ± 0.2           VehDyn_AutoCntrHiSpd_M_str.WildFilt2_HwNm_f32         144.583755         144.583755 ± 0.5           VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32         20         20 ± 0.04           VehDyn_AutoCntrHiSpd_M_str.TillerinTrq_HwNm_f32         43.6620522         43.6620522 ± 0.0625           VehDyn_AutoCntrHiSpd_M_str.TillerinTrq_HwNm_f32         0         0         ±           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2303132928         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2303132928         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32         2.515310610-005         2.51324254e-005 ± 1.25663627181805E-06           VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32         487.27597         487.27597 ± 0.2           VehDyn_AutoCntrLoSpd_M_str.WirkPadp_str.K_Uls_f32         248.396218         254.395218         254.395218         254.395218 ± 0.5           VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32         12.8190889	VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2303132928	2303132928	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_732         6.28232956e-005         6.28298803e-005 ± 1.25663627181805E-06           VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32         448.286377         448.286377 ± 0.2           VehDyn_AutoCntrHiSpd_M_str.VehSpd_kpl_f32         144.583755         144.583755 ± 0.5           VehDyn_AutoCntrHiSpd_M_str.FillPinTrq_HwNm_f32         20         20 ± 0.04           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         0         0 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         41107         41107 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32         2.51531601e-005         2.51324254e-005 ± 1.25663627181805E-06           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         0.000188469887         0.000188477788 ± 1.25663627181805E-06           VehDyn_AutoCntrLoSpd_M_str.RitPinTrq_HwNm_f32         487.27597         487.27597 ± 0.2           VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32         12.8190889         12.8190889 ± 0.04           VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32         12.8190889         12.8190889 ± 0.04           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         30404	VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2303132928	2303132928	•
VehDyn_AutoCntrHiSpd_M_str.WetVel_MtrRadpS_f32         448.286377         448.286377 ± 0.2           VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32         144.583755         144.583755 ± 0.5           VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32         20         20 ± 0.04           VehDyn_AutoCntrHiSpd_M_str.Timer1_HwNm_f32         43.6620522         43.6620522 ± 0.0625           VehDyn_AutoCntrHiSpd_M_str.Timer1_ms_ms_u16         0         0 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer2_hrsb_mS_u16         41107         41107 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltIsVV_HwDeg_str.K_UIs_f32         2.5153160105         2.513242546-005 ± 1.25663627181805E-06           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         487.27597         487.27597 ± 0.2           VehDyn_AutoCntrLoSpd_M_str.WehSpd_kph_f32         487.27597         487.27597 ± 0.2           VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32         254.395218         254.395218 ± 0.5           VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32         13.147435         91.3417435         91.3417435 ± 0.0625           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2303132928         2303132928         2303132928      <	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403299142 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32         144.583755         144.583755 ± 0.5           VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32         20         20 ± 0.04           VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32         43.6620522         43.6620522 ± 0.0625           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         0         0 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         41107         41107 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFitt1SV_HwDeg_str.K_UIs_f32         2.51531601e-005         2.51324254e-005 ± 1.25663627181805E-06           VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFitt2SV_HwDeg_str.K_UIs_f32         0.000188469887         0.00018847788 ± 1.25663627181805E-06           VehDyn_AutoCntrLoSpd_M_str.WehSpd_kph_f32         254.395218         254.395218 ± 0.5           VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32         254.395218         254.395218 ± 0.5           VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32         12.8190889         12.8190889 ± 0.04           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         30404         30404 ± 2           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         30349         30349 ± 2           VehDyn_AutoCntr	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCnttrHiSpd_M_str.CntrWindow_HwDeg_f32         43.6620522         43.6620522 ± 0.0625           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         0         0 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         0         0 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16         41107         41107 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2.51531601e-005         2.51324254e-005 ± 1.25663627181805E-06           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32         0.000188469887         0.000188477788 ± 1.25663627181805E-06           VehDyn_AutoCntrLoSpd_M_str.WitVel_MtrRadpS_f32         487.27597         487.27597 ± 0.2           VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32         254.395218         254.395218 ± 0.5           VehDyn_AutoCntrLoSpd_M_str.Timer1_mHwNm_f32         12.8190889         12.8190889 ± 0.04           VehDyn_AutoCntrLoSpd_M_str.Timer1_Thresh_mS_u16         30404         30404 ± 2           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2303132928         2303132928           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32<	VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	448.286377	448.286377 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32         43.6620522         43.6620522 ± 0.0625           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         0         0 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16         41107         41107 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32         2.51531601e-005         2.51324254e-005 ± 1.25663627181805E-06           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32         0.000188469887         0.000188477788 ± 1.25663627181805E-06           VehDyn_AutoCntrLoSpd_M_str.MitrVel_MtrRadpS_f32         487.27597         487.27597 ± 0.2           VehDyn_AutoCntrLoSpd_M_str.WehSpd_kph_f32         254.395218         254.395218 ± 0.5           VehDyn_AutoCntrLoSpd_M_str.CitrWindow_HwDeg_f32         12.8190889         12.8190889 ± 0.04           VehDyn_AutoCntrLoSpd_M_str.CitrWindow_HwDeg_f32         91.3417435         91.3417435 ± 0.0625           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         30404         30404 ± 2           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2303132928         2303132928           <	VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	144.583755	144.583755 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         0         0 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16         41107         41107 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilitSV_HwDeg_str.K_UIs_f32         2.51531601e-005         2.515324254e-005 ± 1.25663627181805E-06           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilit2SV_HwDeg_str.K_UIs_f32         0.000188497788 ± 1.25663627181805E-06           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilit2SV_HwDeg_str.K_UIs_f32         0.000188477788 ± 1.25663627181805E-06           VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32         487.27597         487.27597 ± 0.2           VehDyn_AutoCntrLoSpd_M_str.VelSpd_kph_f32         254.395218         254.395218 ± 0.5           VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32         12.8190889         12.8190889 ± 0.04           VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32         91.3417435         91.3417435 ± 0.0625           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         30404         30404 ± 2           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilitSV_HwDeg_str.K_UIs_f32         0.000403285027         0.000403299142 ± 1.25663627181805E-06	VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16         41107         41107 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32         2.51531601e-005         2.51324254e-005 ± 1.25663627181805E-06           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         0.000188469887         0.000188477788 ± 1.25663627181805E-06           VehDyn_AutoCntrLoSpd_M_str.Mit/vel_MtrRadpS_f32         487.27597         487.27597 ± 0.2           VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32         254.395218         254.395218 ± 0.5           VehDyn_AutoCntrLoSpd_M_str.FilltPinTrq_HwNm_f32         12.8190889         12.8190889 ± 0.04           VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32         91.3417435         91.3417435 ± 0.0625           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         30404         30404 ± 2           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2303132928         2303132928           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32         0.000403285027         0.000403299142 ± 1.2566362	VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	43.6620522	43.6620522 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32       2303132928       2303132928         VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32       2303132928       2303132928         VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32       2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-06         VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_UIs_f32       0.000188469887       0.000188477788 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32       487.27597       487.27597 ± 0.2         VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32       254.395218       254.395218 ± 0.5         VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32       12.8190889       12.8190889 ± 0.04         VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32       91.3417435       91.3417435 ± 0.0625         VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       30404       30404 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       30349       30349 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       2303132928       2303132928         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       2303132928       2303132928         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_UIs_f32       0.000403285027       0.000403299142 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06	VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	0	0 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrHiSpd_M_str.ReilHwPosFilt1SV_HwDeg_str.K_Uls_f32         2.51531601e-005         2.51324254e-005 ± 1.25663627181805E-06           VehDyn_AutoCntrHiSpd_M_str.ReilHwPosFilt2SV_HwDeg_str.K_Uls_f32         0.000188469887         0.000188477788 ± 1.25663627181805E-06           VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32         487.27597         487.27597 ± 0.2           VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32         254.395218         254.395218 ± 0.5           VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32         12.8190889         12.8190889 ± 0.04           VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32         91.3417435         91.3417435 ± 0.0625           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         30404         30404 ± 2           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         30349         30349 ± 2           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2303132928         2303132928           VehDyn_AutoCntrLoSpd_M_str.ReilHwPosFilt1SV_HwDeg_str.K_Uls_f32         0.000403285027         0.000403299142 ± 1.25663627181805E-06           VehDyn_AutoCntrLoSpd_M_str.ReilHwPosFilt2SV_HwDeg_str.K_Uls_f32         6.28232956e-005         6.28298803e-005 ± 1.25663627181805E-06           VehDyn_PinTrqSV_M_str.K_Uls_f32         0.238800004         0.238800004         0.238800004	VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	41107	41107 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_Uls_f32       2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-06         VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_Uls_f32       0.000188469887       0.000188477788 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_Uls_f32       487.27597       487.27597 ± 0.2         VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32       254.395218       254.395218 ± 0.5         VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32       12.8190889       12.8190889 ± 0.04         VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32       91.3417435       91.3417435 ± 0.0625         VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       30404       30404 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       30349       30349 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       2303132928       2303132928         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       2303132928       2303132928         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32       0.000403285027       0.000403299142 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         VehDyn_PinTrqSV_M_str.K_Uls_f32       0.238800004       0.238800004	VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2303132928	2303132928	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32       0.000188469887       0.000188477788 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32       487.27597       487.27597 ± 0.2         VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32       254.395218       254.395218 ± 0.5         VehDyn_AutoCntrLoSpd_M_str.FiitPinTrq_HwNm_f32       12.8190889       12.8190889 ± 0.04         VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32       91.3417435       91.3417435 ± 0.0625         VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       30404       30404 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       30349       30349 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       2303132928       2303132928         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       2303132928       2303132928         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32       0.000403285027       0.000403299142 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         VehDyn_PinTrqSV_M_str.K_Uls_f32       0.238800004       0.238800004	VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2303132928	2303132928	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32       487.27597       487.27597 ± 0.2         VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32       254.395218       254.395218 ± 0.5         VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32       12.8190889       12.8190889 ± 0.04         VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32       91.3417435       91.3417435 ± 0.0625         VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       30404       30404 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       30349       30349 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       2303132928       2303132928         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       2303132928       2303132928         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32       0.000403285027       0.000403299142 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         VehDyn_PinTrqSV_M_str.K_UIs_f32       0.238800004       0.238800004	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32       254.395218       254.395218 ± 0.5         VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32       12.8190889       12.8190889 ± 0.04         VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32       91.3417435       91.3417435 ± 0.0625         VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       30404       30404 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       30349       30349 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       2303132928       2303132928         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       2303132928       2303132928         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32       0.000403285027       0.000403299142 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         VehDyn_PinTrqSV_M_str.K_UIs_f32       2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-06         VehDyn_SLPHwAuth_UIs_M_f32       0.238800004       0.238800004	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000188469887	0.000188477788 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32       12.8190889       12.8190889 ± 0.04         VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32       91.3417435       91.3417435 ± 0.0625         VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       30404       30404 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       30349       30349 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       2303132928       2303132928         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       2303132928       2303132928         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32       0.000403285027       0.000403299142 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_UIs_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         VehDyn_PinTrqSV_M_str.K_UIs_f32       2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-06         VehDyn_SLPHwAuth_UIs_M_f32       0.238800004       0.238800004	VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	487.27597	487.27597 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32       91.3417435       91.3417435 ± 0.0625         VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       30404       30404 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       30349       30349 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       2303132928       2303132928         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       2303132928       2303132928         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32       0.000403285027       0.000403299142 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         VehDyn_PinTrqSV_M_str.K_UIs_f32       2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-06         VehDyn_SLPHwAuth_UIs_M_f32       0.238800004       0.238800004	VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	254.395218	254.395218 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       30404       30404 ± 2       ✓         VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       30349       30349 ± 2       ✓         VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       2303132928       2303132928       ✓         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       2303132928       2303132928       ✓         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32       0.000403285027       0.000403299142 ± 1.25663627181805E-06       ✓         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06       ✓         VehDyn_PinTrqSV_M_str.K_UIs_f32       2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-06       ✓         VehDyn_SLPHwAuth_UIs_M_f32       0.238800004       0.238800004	VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.8190889	12.8190889 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       30349       30349 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       2303132928       2303132928         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       2303132928       2303132928         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiittSV_HwDeg_str.K_UIs_f32       0.000403285027       0.000403299142 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_UIs_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         VehDyn_PinTrqSV_M_str.K_UIs_f32       2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-06         VehDyn_SLPHwAuth_UIs_M_f32       0.238800004       0.238800004	VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	91.3417435	91.3417435 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       2303132928       2303132928         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       2303132928       2303132928         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32       0.000403285027       0.000403299142 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_UIs_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         VehDyn_PinTrqSV_M_str.K_UIs_f32       2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-06         VehDyn_SLPHwAuth_UIs_M_f32       0.238800004       0.238800004	VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	30404	30404 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       2303132928       2303132928         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiittSV_HwDeg_str.K_Uls_f32       0.000403285027       0.000403299142 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         VehDyn_PinTrqSV_M_str.K_Uls_f32       2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-06         VehDyn_SLPHwAuth_Uls_M_f32       0.238800004       0.238800004	VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	30349	30349 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32       0.000403285027       0.000403299142 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         VehDyn_PinTrqSV_M_str.K_Uls_f32       2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-06         VehDyn_SLPHwAuth_Uls_M_f32       0.238800004       0.238800004	VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2303132928	2303132928	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         VehDyn_PinTrqSV_M_str.K_Uls_f32       2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-06         VehDyn_SLPHwAuth_Uls_M_f32       0.238800004       0.238800004	VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2303132928	2303132928	<b>✓</b>
VehDyn_PinTrqSV_M_str.K_Uls_f32       2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-06         VehDyn_SLPHwAuth_Uls_M_f32       0.238800004       0.238800004	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403299142 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32       2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-06         VehDyn_SLPHwAuth_Uls_M_f32       0.238800004       0.238800004	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K Uls f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	<b>✓</b>
VehDyn_SLPHwAuth_Uls_M_f32         0.238800004         0.238800004	, - ,	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	~
	VehDyn_SLPHwAuth_Uls_M_f32	0.238800004	0.238800004	<b>✓</b>
	VehDyn_SLPHwPos_HwDeg_M_f32	559.960022	559.960022	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime mS u32	1	GetSystemTime mS u32	1	<b>✓</b>

Test Step 2.39 (Repeat Count = 1)	→ The second of the secon
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	7.2738266
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00899999961
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00200000009
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	460.901886
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.00629902
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	92.026535
k_AutoCntrHiSpdTimer1_mS_u16	16931
k_AutoCntrHiSpdTimer2_mS_u16	34441
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	51.3993683
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	119.134666
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	0
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	103.723984
k_AutoCntrHiSpdTimer4_mS_u16	51145
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	65.2026672
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00899999961
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0250000004
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	581.690918
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	6.79465103
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	236.401962
k_AutoCntrLoSpdTimer1_mS_u16	46296





Name	Input Value		
k_AutoCntrLoSpdTimer2_mS_u16	9393		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00899999961		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.199200004		
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	704.15802		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target Rte Call Ap VehDyn NxtrDiagMgr GetNTCActive NTCActive Ptr T Ig	c 1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	2269150976		
Name	Actual Value	Expected Value	Result
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	119.134666	119.134666 ± 0.2	*
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	103.723984	103.723984 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0	0 ± 0.04	
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	51.3993683	51.3993683 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	16931	16931 ± 2	
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	51145	51145 ± 2	
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2269150976	2269150976	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2269150976	2269150976	
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	460.901886	460.901886 ± 0.2	٠,
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	92.026535	92.026535 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.00629902	8.00629902 ± 0.04	٠,
VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	7.2738266	7.2738266 ± 0.0625	١.,
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	16931	16931 ± 2	١,
VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	34441	34441 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2269150976	2269150976	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2269150976	2269150976	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	
VehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	581.690918	581.690918 ± 0.2	
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	236.401962	236.401962 ± 0.5	
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.79465103	6.79465103 ± 0.04	
VehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	65.2026672	65.2026672 ± 0.0625	
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	46296	46296 ± 2	
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	9393	9393 ± 2	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2269150976	2269150976	٠,
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2269150976	2269150976	
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	
VehDyn SLPHwAuth Uls M f32	0.199200004	0.199200004	
VehDyn_SLPHwPos_HwDeg_M_f32	704.15802	704.15802	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime mS u32	1	GetSystemTime mS u32	1	V

Test Step 2.40 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	91.5981827
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0250000004
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00499999989
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	160.17424
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	4.19048309
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	28.4624329
k_AutoCntrHiSpdTimer1_mS_u16	20459
k_AutoCntrHiSpdTimer2_mS_u16	35552
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	53.1939697
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	201.577209
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	20
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	194.557587
k_AutoCntrHiSpdTimer4_mS_u16	55301
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	52.1249008
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0250000004
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.063000001





Name	Input Value		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	578.046082		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	16.1874886		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	158.773651		
k_AutoCntrLoSpdTimer1_mS_u16	21486		
k_AutoCntrLoSpdTimer2_mS_u16	38584		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0250000004		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.205799997		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	680.125		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
$target\_Rte\_Call\_Ap\_VehDyn\_NxtrDiagMgr\_GetNTCActive\_NTCActive\_Ptr\_T\_lgc$	0		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	3533260288		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	201.577209	201.577209 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	194.557587	194.557587 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	53.1939697	53.1939697 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20459	20459 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	55301	55301 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3533260288	3533260288	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3533260288	3533260288	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	160.17424	160.17424 ± 0.2	-
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	28.4624329	28.4624329 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.19048309	4.19048309 ± 0.04	-
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	91.5981827	91.5981827 ± 0.0625	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20459	20459 ± 2	-
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	35552	35552 ± 2	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3533260288	3533260288	-
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3533260288	3533260288	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	578.046082	578.046082 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	158.773651	158.773651 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.1874886	16.1874886 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.1249008	52.1249008 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21486	21486 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	38584	38584 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3533260288	3533260288	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3533260288	3533260288	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	<b>✓</b>

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>	

Test Step 2.41 (Repeat Count = 1)	
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	29.3254967
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.063000001
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00520000001
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	677.585876
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	7.90520477
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	186.264114
k_AutoCntrHiSpdTimer1_mS_u16	55165
k_AutoCntrHiSpdTimer2_mS_u16	36663
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	39.3708954
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	525.822998
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	14.0500002
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	44.416153





Name	Input Value		
k_AutoCntrHiSpdTimer4_mS_u16	40693		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	22.5556393		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.063000001		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00200000009		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	413.003265		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	4.57800722		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	89.0179596		
k_AutoCntrLoSpdTimer1_mS_u16	24720		
k_AutoCntrLoSpdTimer2_mS_u16	36760		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.063000001		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.212400004		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	656.09198		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	812314880		
Name	Actual Value	Expected Value	Result
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	525.822998	525.822998 ± 0.2	•
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	44.416153	44.416153 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.0500002	14.0500002 ± 0.04	-
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	39.3708954	39.3708954 ± 0.0625	-
VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	55165	55165 ± 2	-
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	40693	40693 ± 2	V
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	812314880	812314880	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	812314880	812314880	<b>~</b>
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	•
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	677.585876	677.585876 ± 0.2	-
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	186.264114	186.264114 ± 0.5	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7.90520477	7.90520477 ± 0.04	-
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	29.3254967	29.3254967 ± 0.0625	<b>~</b>
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	55165	55165 ± 2	-
VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	36663	36663 ± 2	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	812314880	812314880	-
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	812314880	812314880	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	-
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	6.53266907e-005	6.53429888e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	413.003265	413.003265 ± 0.2	-
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	89.0179596	89.0179596 ± 0.5	<b>~</b>
VehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	4.57800722	4.57800722 ± 0.04	-
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	22.5556393	22.5556393 ± 0.0625	<b>~</b>
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	24720	24720 ± 2	-
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36760	36760 ± 2	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	812314880	812314880	-
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	812314880	812314880	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	-
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	-
VehDyn SLPHwAuth Uls M f32	0.212400004	0.212400004	-
VehDyn SLPHwPos HwDeg M f32	656.09198	656.09198	_

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>

Test Step 2.42 (Repeat Count = 1)	✓
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	88.5801086
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00520000001
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0250000004
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	525.752197
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	13.4235058
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	255
k_AutoCntrHiSpdTimer1_mS_u16	42277
k_AutoCntrHiSpdTimer2_mS_u16	52217





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Name	Input Value		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	38.5221024		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	265.609314		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	3		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	196.135361		
k_AutoCntrHiSpdTimer4_mS_u16	54573		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	58.6687202		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0250000004		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00600000005		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	72.2188644		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	5.45036793		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	172.141464		
k_AutoCntrLoSpdTimer1_mS_u16	47724		
k_AutoCntrLoSpdTimer2_mS_u16	1764		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00520000001		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.304800004		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	319.630005		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
$target\_Rte\_Call\_Ap\_VehDyn\_NxtrDiagMgr\_GetNTCActive\_NTCActive\_Ptr\_T\_lgc$	1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	4195077888		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	265.609314	265.609314 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	196.135361	196.135361 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	3	3 ± 0.04	-
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	38.5221024	38.5221024 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	42277	42277 ± 2	-
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	54573	54573 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4195077888	4195077888	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4195077888	4195077888	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53953791e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	525.752197	525.752197 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	255	255 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	13.4235058	13.4235058 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	88.5801086	88.5801086 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	42277	42277 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52217	52217 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4195077888	4195077888	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4195077888	4195077888	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53429888e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	72.2188644	72.2188644 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	172.141464	172.141464 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	5.45036793	5.45036793 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	58.6687202	58.6687202 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	47724	47724 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	1764	1764 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4195077888	4195077888	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4195077888	4195077888	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53953791e-005 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.53266907e-005	6.53429888e-005 ± 1.25663627181805E-06	
VehDyn_SLPHwAuth_Uls_M_f32	0.304800004	0.304800004	•
VehDyn_SLPHwPos_HwDeg_M_f32	319.630005	319.630005	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.43 (Repeat Count = 1)	·
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	92.2299118
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00499999989
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00980000012
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	235.852432





Name	Input Value		
k AutoCntrHiSpdTimer1PinTrq HwNm f32	18.6467209		
k AutoCntrHiSpdTimer1VehSpd kph f32	179.530945		
k AutoCntrHiSpdTimer1 mS u16	51432		
k AutoCntrHiSpdTimer2 mS u16	37774		
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	0		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	598.552856		
k AutoCntrHiSpdTimer4PinTrg HwNm f32	4.44533634		
	239.762329		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32			
k_AutoCntrHiSpdTimer4_mS_u16	57193		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	58.8585777		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00200000009		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0049999989		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	691.251282		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	9.38685799		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	38.2069092		
k_AutoCntrLoSpdTimer1_mS_u16	44855		
k_AutoCntrLoSpdTimer2_mS_u16	51238		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.218999997		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	632.059021		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	3345084416		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	598.552856	598.552856 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	239.762329	239.762329 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.44533634	4.44533634 ± 0.04	-
	0	0 ± 0.0625	-
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	51432		
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16		51432 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	57193	57193 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3345084416	3345084416	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3345084416	3345084416	<b>V</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	235.852432	235.852432 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	179.530945	179.530945 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.6467209	18.6467209 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	92.2299118	92.2299118 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	51432	51432 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	37774	37774 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3345084416	3345084416	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3345084416	3345084416	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000123143196	0.000123142847 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	691.251282	691.251282 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	38.2069092	38.2069092 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	9.38685799	9.38685799 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	58.8585777	58.8585777 ± 0.0625	•
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	44855	44855 ± 2	_
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	51238	51238 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3345084416	3345084416	
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	3345084416	3345084416	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	
	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	
VehDyn_PinTrqSV_M_str.K_Uls_f32			~
VehDyn_SLPHwDeg_HwDeg_M_f32	0	0	
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>

Test Step 2.44 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
$Rte\_Call\_Ap\_VehDyn\_NxtrDiagMgr\_GetNTCActive(NTCActive\_Ptr\_T\_lgc)$	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	





AutoCont-Report Markon   Ambridge   SE	Name	Input Value		
AutoCont-Hisportime No. Hz. 202		•		
AutoContHigh Filtra (				
AutoContrisportiment Pulmin (Aminago S. 122   Acto 5985902				
AutoCHRightTimer*LimeSign*Lipe* 1962   255   2				
\$Particle   Particle   Pa		8.70262909		
Auto-Christoptimered Christoptimered Christ	k AutoCntrHiSpdTimer1VehSpd kph f32	255		
AutoChrist(SptTimerk1nity)  Minted pg 12   100	_ : : : : : : : : : : : : : : : : : : :	12734		
AuthorHisSqrTme4MinVg, McPages, 12   179,3907/8	k_AutoCntrHiSpdTimer2_mS_u16	38885		
\$\text{\$\text{AuthorHispitTimesPhirin_Hebrin_102} \	k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	100		
x_AutoChristSpdTimered_mS_u16	k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	179.399078		
Autonicht-Sort immed , ms , uf	k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	12.4598589		
X.AusCinctLoSpriCtIntVincov_HoDig_132   75.0010808	k_AutoCntrHiSpdTimer4VehSpd_kph_f32	82.9581757		
AutoContackgedTittlen_bet_2022   0.0040000012	k_AutoCntrHiSpdTimer4_mS_u16	10910		
K_AUGORHASGERIEWN   M2   1728   0.034400012   K_AUGORHASGERIEWN   M2   M2   M2   M3   M3   M3   M3   M3	k_AutoCntrLoSpdCntrWindow_HwDeg_f32	75.6018066		
R_ABLOCINLAS DET IMPAT   PANNING 12   4896838	k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00499999989		
K_AMSCINITA SQRTIMEN**   This PAMPINE   122   122 874455	k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0344000012		
K_AutoChtLoSpTimert/mSp_U16	k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	638.585999		
K_ANSCINITASPETIMENT_MS_U16   2037	k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	4.9565835		
K_AutoCintLoSpdTimetZ_mS_u16	k_AutoCntrLoSpdTimer1VehSpd_kph_f32	122.874435		
K_SIPEnableBFCNexC_rnl_lgc	k_AutoCntrLoSpdTimer1_mS_u16	26195		
K_SLPHwAuthority_Us_732	k_AutoCntrLoSpdTimer2_mS_u16	22037		
R.S.D.Phw.Authority. U.B.; 322   0.225600004	k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0250000004		
Barget_Pim_MorPosReset.NVMStored.usarPosVaid_CRT_go				
target_Re_Call_Ap_VehDyn_NxtrDiaghdy_GeNTCActive_NTCActive_Ptr_T_Jgc target_Re_Call_Ap_VehDyn_NxtrDiaghdy_GeNTCActive_NTCActive_Ptr_T_Jgc target_Re_Lall_Ap_VehDyn_NxtrDiaghdy_GeNTCActive_NTCActive_Ptr_T_Jgc target_Re_Lall_Ap_VehDyn_NxtrDiaghdy_GeNTCActive_NTCActive_Ptr_T_Jgc target_Re_Lall_Ap_VehDyn_NxtrDiaghdy_GeNTCActive_NTCActive_Ptr_T_Jgc target_Re_Lall_Ap_VehDyn_NxtrDiaghdy_GeNTCActive_NTCActive_Ptr_T_Jgc target_Re_Lall_Ap_VehDyn_NxtrDiaghdy_GeNTCActive_NTCActive_Ptr_T_Jgc target_Re_Lall_Ap_VehDyn_NxtrDiaghdy_GeNTCActive_NTCActive_Ptr_T_About NxtrUse_Lall_About NxtrUse_L				
larget_Rie_Call_Ap_VehDyn_ArtDiagMgr_GeNTCActive_Ptr_T_Igc   target_Pin_MolPosReset   target_				
target_Re_Inst_Ap_VehDyn_2.Pim_MolPosReset   target_Pim_MolPosReset   tg_CetSystemTime_ms_U32_CurrentTime   2704864000				
Result   Name				
Name         Actual Value         Expected Value         Result           VehDyn_AutoCnitDetSpd_M_str MirVel_MtrRadpS_132         179.399078         179.399078 ± 0.2         ✓           VehDyn_AutoCnitDetSpd_M_str VehSpd_kph_152         82.981787         82.9981787 ± 0.5         ✓           VehDyn_AutoCnitDetSpd_M_str.FiltPinTrq_HwNm_132         12.4598589         12.4598589 ± 0.04         ✓           VehDyn_AutoCnitDetSpd_M_str.TimerThresh_mS_u16         12734         12734 ± 2         ✓           VehDyn_AutoCnitDetSpd_M_str.TimerThresh_mS_u16         19910         19010 ± 2         ✓           VehDyn_AutoCnitDetSpd_M_str.TimerI_mS_u32         2704864000         2704864000         2704864000           VehDyn_AutoCnitDetSpd_M_str.TimerI_mS_u32         2704864000         2704864000         2704864000           VehDyn_AutoCnitDetSpd_M_str.TimerI_mS_u32         6.28232956e-005         6.28289603e-005 ± 1.25663627181805E-06         ✓           VehDyn_AutoCnitDetSpd_M_str.Reht-WooFsilt2SV_HwDeg_str.K_Uls_f32         6.28232956e-005         6.28280603e-005 ± 1.25663627181805E-06         ✓           VehDyn_AutoCnitHiSpd_M_str.Reht-WooFsilt2SV_HwDeg_str.K_Uls_f32         6.000432193279         0.00043198728 ± 1.25663627181805E-06         ✓           VehDyn_AutoCnitHiSpd_M_str.TimerI_mS_un_f32         463.985962         463.985962 ± 0.2         ✓           VehDyn_AutoCnitH				
VehDyn_AutoCntrDetSpd_M_str. MtrVel_MtrRadpS_f32         179.399078         179.399078 ± 0.2         ✓           VehDyn_AutoCntrDetSpd_M_str. VehSpd_kph_f32         82.9881757         82.9881757         82.9881757 ± 0.5         ✓           VehDyn_AutoCntrDetSpd_M_str. FilliPhiTrq_HwNm_f32         12.4598599         12.4598589 ± 0.04         ✓           VehDyn_AutoCntrDetSpd_M_str. TimerThresh_mS_u16         12734         12734 ± 2         ✓           VehDyn_AutoCntrDetSpd_M_str. Timer2Thresh_mS_u16         10910         10910 ± 2         ✓           VehDyn_AutoCntrDetSpd_M_str. Timer2Thresh_mS_u16         10910         10910 ± 2         ✓           VehDyn_AutoCntrDetSpd_M_str. Timer2_mS_u32         2704864000         2704864000         ✓           VehDyn_AutoCntrDetSpd_M_str. Timer2_mS_u32         2704864000         2704864000         ✓           VehDyn_AutoCntrDetSpd_M_str. MtrVel_MtrRadpS_f32         6.28232986e-005         6.28298039-005 ± 1.25663627181805E-06         ✓           VehDyn_AutoCntrHiSpd_M_str. MtrVel_MtrRadpS_f32         463.985962         463.985962 ± 0.2         ✓           VehDyn_AutoCntrHiSpd_M_str. Msr. FillPhiTrq_HwNm_f32         8.70262909         8.70262909 ± 0.04         ✓           VehDyn_AutoCntrHiSpd_M_str. Timer1Thresh_mS_u16         12734         12734 ± 2         ✓           VehDyn_AutoCntrHiSpd_M_str. Timer1Thresh_mS_u16 </td <td></td> <td></td> <td></td> <td></td>				
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32         82.9581757         82.9581757 ± 0.5         ✓           VehDyn_AutoCntrDetSpd_M_str.FillPhTrq_Hwhm_f32         12.4596599         12.4596599 ± 0.04         ✓           VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_122         100         100 ± 0.0625         ✓           VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16         10910         10910 ± 2         ✓           VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2704864000         2704864000         ✓           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         2704864000         2704864000         ✓           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFit1SV_HwDeg_str.K_Uls_f32         6.28232956e-005         6.28298603e-005 ± 1.25663627181805E-06         ✓           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFit1SV_HwDeg_str.K_Uls_f32         0.000432193279         0.000432193729 ± 1.25663627181805E-06         ✓           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFit2SV_HwDeg_str.K_Uls_f32         463.985962         463.985962 ± 0.2         ✓           VehDyn_AutoCntrHiSpd_M_str.PillPhTrq_HwNm_f32         255         255 ± 0.5         ✓           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_us_16         12734         12734 ± 2         ✓           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_us_2         2704864000         2704864000         ✓           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_us_2<			•	Result
VehDyn_AutoCntrDetSpd_M_str.FiliPinTrq_HwNm_f32         12.4598589         12.4598589 ± 0.04           VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32         100         100 ± 0.0625         ✓           VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16         12734         12734 ± 2         ✓           VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16         10910         10910 ± 2         ✓           VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u22         2704864000         2704864000         ✓           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         2704864000         2704864000         ✓           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         6.28232956e-005         6.28298803e-005 ± 1.25663627181805E-06         ✓           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         0.000432193279         0.000432199729 ± 1.25663627181805E-06         ✓           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         255         255 ± 0.5         ✓           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         255         255 ± 0.5         ✓           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt3SV_HwDeg_str.K_UIs_f32         270486400         270486400         ✓           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt3SV_HwDeg_str.K_UIs_f32         270486400         270486400         270486400         ✓ <t< td=""><td></td><td></td><td></td><td>~</td></t<>				~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_Hwbeg_f32         100         100 ± 0.0625         ✓           VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16         12734         12734 ± 2         ✓           VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16         10910         10910 ± 2         ✓           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         2704864000         2704864000         ✓           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.K_Uls_f32         6.28232966-005         6.28298803e-005 ± 1.25663627181805E-06         ✓           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.K_Uls_f32         0.000432193279         0.000432189729 ± 1.25663627181805E-06         ✓           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.K_Uls_f32         483.985962         463.985962 ± 0.2         ✓           VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32         255         255 ± 0.5         ✓           VehDyn_AutoCntrHiSpd_M_str.FillPinTrq_Hwhm_f32         8.70262909         8.70262909 ± 0.04         ✓           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         12734         12734 ± 2         ✓           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         3885         3885 ± 2         ✓           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2704864000         2704864000         2704864000         ✓           VehDyn_AutoCntrHiSpd_M_st				
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16         12734         12734 ± 2         ✓           VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16         10910         10910 ± 2         ✓           VehDyn_AutoCntrDetSpd_M_str.Timer1mS_u32         2704864000         2704864000         ✓           VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2704864000         2704864000         ✓           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltSV_HwDeg_str.K_UIs_f32         6.28232956e-005         6.28298803e-005 ± 125663627181805E-06         ✓           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltSV_HwDeg_str.K_UIs_f32         0.000432189729 ± 1.25663627181805E-06         ✓           VehDyn_AutoCntrHiSpd_M_str.Web_MradpS_f32         463.985962         463.985962 ± 0.2         ✓           VehDyn_AutoCntrHiSpd_M_str.Web_MradpS_f32         255         255 ± 0.5         ✓           VehDyn_AutoCntrHiSpd_M_str.Fill*PinTq_HwNm_f32         8.70262909         8.70262909 ± 0.04         ✓           VehDyn_AutoCntrHiSpd_M_str.Timer1ms_m_su_16         12734         12734 ± 2         ✓           VehDyn_AutoCntrHiSpd_M_str.Timer1_ms_us_us_         12748 ± 12         ✓           VehDyn_AutoCntrHiSpd_M_str.Timer1_ms_us_us_         2704864000         2704864000           VehDyn_AutoCntrHiSpd_M_str.Timer1_ms_us_us_         2704864000         2704864000           VehDyn_AutoCntr				_
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         10910         10910±2         ✓           VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2704864000         2704864000         ✓           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         2704864000         2704864000         ✓           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         6.282329566-005         6.28298803e-005±1.25663627181805E-06         ✓           VehDyn_AutoCntrDetSpd_M_str.WirVel_MtrRadpS_f32         463.985962         463.985962 ±0.2         ✓           VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32         255         255±0.5         ✓           VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32         41.6950645         41.6950645 ±0.0625         ✓           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_us2         41.6950645         41.6950645 ±0.0625         ✓           VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_us6         16         12734         12734 ± 2         ✓           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_us2         2704864000         2704864000         2704864000           VehDyn_AutoCntrHiSpd_M_str.Timer2_ms_us2         2704864000         2704864000         ✓           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFittSV_HwDeg_str.K_Uls_f32         0.00014419478         0.00014419933±1.25663627181805E-06         ✓           VehDyn_AutoCntrLoSpd_M_str.Rel	- · - · - · - · · - · - · - · - ·			
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         2704864000         2704864000           VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         2704864000         2704864000           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitItSV_HwDeg_str.K_UIs_f32         6.28232956e-005         6.28298803e-005 ± 1.25663627181805E-06           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitItSV_HwDeg_str.K_UIs_f32         0.000432193279         0.000432189729 ± 1.25663627181805E-06           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitItSV_HwDeg_str.K_UIs_f32         463.985962         463.985962 ± 0.2           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitItSV_HwDeg_str.K_UIs_f32         8.70262909         8.70262909 ± 0.04           VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32         41.6950645         41.6950645 ± 0.0625           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         12734         12734 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16         38885         38885 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2704864000         2704864000           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2704864000         2704864000           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitItSV_HwDeg_str.K_UIs_f32         0.000142494894         0.00014399332 ± 1.25663627181805E-06           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitItSV_HwDeg_str.K_UIs_f32         0.000142494894         0.00014399332 ± 1.25663627181805E-06           VehD				_
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         2704864000         2704864000           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.K_Uls_f32         6.28232956e-005         6.28298803e-005 ± 1.25663627181805E-06           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.K_Uls_f32         0.000432193279         0.000432189729 ± 1.25663627181805E-06           VehDyn_AutoCntrHiSpd_M_str.WireImWredpS_f32         463.98562 ± 0.2         43.98562 ± 0.2           VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32         255         255 ± 0.5           VehDyn_AutoCntrHiSpd_M_str.FillPinTrq_HwNm_f32         8.70262909         8.70262909 ± 0.04           VehDyn_AutoCntrHiSpd_M_str.Timer1_mFa_mS_uf6         11.6950645         41.6950645 ± 0.0625           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u52         2704864000         2704864000           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2704864000         2704864000           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2704864000         2704864000           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         0.000314116978         0.00031410993 ± 1.25663627181805E-06           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         0.000124394894         0.000124399332 ± 1.25663627181805E-06           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         4.9566355         4.9566385 ± 0.04           VehDyn_AutoCntrLoSpd_				
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltISV_HwDeg_str.K_Uls_f32         6.28232956e-005         6.28298803e-005 ± 1.25663627181805E-06           VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         0.0004321893279         0.000432189729 ± 1.25663627181805E-06           VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32         463.985962         463.985962 ± 0.2           VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32         255         255 ± 0.5           VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32         8.70262909         8.70262909 ± 0.04           VehDyn_AutoCntrHiSpd_M_str.TillerinTrq_HwNm_f32         41.6950645         41.6950645 ± 0.0625           VehDyn_AutoCntrHiSpd_M_str.TillerinTrq_HwNm_f32         41.6950645         41.6950645 ± 0.0625           VehDyn_AutoCntrHiSpd_M_str.TillerinTrq_mS_u16         38885         38885 ± 2           VehDyn_AutoCntrHiSpd_M_str.TillerinT_mS_u32         2704864000         2704864000           VehDyn_AutoCntrHiSpd_M_str.TillerinT_mS_u32         2704864000         2704864000           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltISV_HwDeg_str.K_Uls_f32         0.00013411678         0.00034140993 ± 1.25663627181805E-06           VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32         638.585999         638.585999 ± 0.2           VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32         122.874435         122.874435 ± 0.5           VehDyn_AutoCntrLoSpd_M_str.TillerinTq_HwNm_f32         4.9				
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_32         0.000432193279         0.000432189729 ± 1.25663627181805E-06           VehDyn_AutoCntrHiSpd_M_str.MirVel_MtrRadpS_f32         463.985962         463.985962 ± 0.2         ✓           VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32         255         255 ± 0.5         ✓           VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32         8.70262909         8.70262909 ± 0.04         ✓           VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32         41.6950645         41.6950645 ± 0.0625         ✓           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         12734         12734 ± 2         ✓           VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16         38885         38885 ± 2         ✓           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2704864000         2704864000         2704864000           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32         0.000314116478         0.00031410993 ± 1.25663627181805E-06         ✓           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         0.000124394894         0.000124399332 ± 1.25663627181805E-06         ✓           VehDyn_AutoCntrLoSpd_M_str.Welbgd_kph_f32         638.585999         638.585999 ± 0.2         ✓         VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32         4.9565835         4.9565835 ± 0.04         ✓           VehDyn_AutoCntrLoS				
VehDyn_AutoCntrHiSpd_M_str. MitrVel_MtrRadpS_f32       463.985962       463.985962 ± 0.2       ✓         VehDyn_AutoCntrHiSpd_M_str. VehSpd_kph_f32       255       255 ± 0.5       ✓         VehDyn_AutoCntrHiSpd_M_str. RitlPinTrq_HwNm_f32       8.70262909       8.70262909 ± 0.04       ✓         VehDyn_AutoCntrHiSpd_M_str. CitrWindow_HwDeg_f32       41.6950645       41.6950645 ± 0.0625       ✓         VehDyn_AutoCntrHiSpd_M_str. Timer2Thresh_mS_u16       38885       38885 ± 2       ✓         VehDyn_AutoCntrHiSpd_M_str. Timer2Thresh_mS_u32       2704864000       2704864000       2704864000         VehDyn_AutoCntrHiSpd_M_str. ReiHwPosFiit1SV_HwDeg_str.K_UIs_f32       0.00314116478       0.0031410993 ± 1.25663627181805E-06       ✓         VehDyn_AutoCntrHiSpd_M_str. ReiHwPosFiit2SV_HwDeg_str.K_UIs_f32       0.000124394894       0.000124399332 ± 1.25663627181805E-06       ✓         VehDyn_AutoCnttLoSpd_M_str. ReiHwPosFiit2SV_HwDeg_str.K_UIs_f32       0.000124394894       0.000124399332 ± 1.25663627181805E-06       ✓         VehDyn_AutoCnttLoSpd_M_str. ReiHwPosFiit3SV_HwDeg_str.K_UIs_f32       4.9565835       4.9565835 ± 0.04       ✓         VehDyn_AutoCnttLoSpd_M_str. VehSpd_kph_f32       4.9565835 ± 0.04       ✓         VehDyn_AutoCnttLoSpd_M_str. Timer1Thresh_mS_u16       26195 ± 2       ✓         VehDyn_AutoCnttLoSpd_M_str. Timer1Thresh_mS_u16       22037       <				
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32         255         255±0.5           VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32         8.70262909         8.70262909±0.04           VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32         41.6950645         41.6950645±0.0625           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         12734         12734±2           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         38885         38885±2           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2704864000         2704864000           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2704864000         2704864000           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2704864000         2704864000           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFittSV_HwDeg_str.K_UIs_f32         0.000314116478         0.00031410993±1.25663627181805E-06           VehDyn_AutoCntrLiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32         0.000124394894         0.000124399332±1.25663627181805E-06           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32         122.874435         122.874435±0.5           VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32         4.9565835         4.9665835±0.04           VehDyn_AutoCntrLoSpd_M_str.Timer1_ms_u16         26195         26195±2           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_ms_u16         26195         26195±2           VehDyn_AutoCntrLoSpd_M_				
VehDyn_AutoCnttrHiSpd_M_str.FiltPinTrq_HwNm_f32         8.70262909         8.70262909 ± 0.04           VehDyn_AutoCnttrHiSpd_M_str.CntrWindow_HwDeg_f32         41.6950645         41.6950645 ± 0.0625           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         12734         12734 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         38885         38885 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2704864000         2704864000           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2704864000         2704864000           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIIs_f32         0.000314116478         0.00031410993 ± 1.25663627181805E-06           VehDyn_AutoCntrLoSpd_M_str.WitrVel_MtrRadpS_f32         0.000124394894         0.000124399332 ± 1.25663627181805E-06           VehDyn_AutoCntrLoSpd_M_str.WitrVel_MtrRadpS_f32         638.585999         638.585999 ± 0.2           VehDyn_AutoCntrLoSpd_M_str.WitrVel_MtrRadpS_f32         122.874435         122.874435 ± 0.5           VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32         4.9565835         4.9566835 ± 0.04           VehDyn_AutoCntrLoSpd_M_str.Timer1_hwDeg_f32         75.6018066         75.6018066 ± 0.0625           VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16         26195         26195 ± 2           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2704864000         2704864000				_
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_Hwbeg_f32       41.6950645       41.6950645 ± 0.0625         VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16       12734       12734 ± 2         VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16       38885       38885 ± 2         VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32       2704864000       2704864000         VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32       2704864000       2704864000         VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32       0.000314116478       0.00031410993 ± 1.25663627181805E-06         VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32       0.000124394894       0.000124399332 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.RitrVel_MtrRadpS_f32       638.585999       638.585999 ± 0.2         VehDyn_AutoCntrLoSpd_M_str.WelpM_f32       122.874435       122.874435 ± 0.5         VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32       4.9565835       4.9565835 ± 0.04         VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32       75.6018066       75.6018066 ± 0.0625         VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       26195       26195 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       22037       22037 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       2704864000       2704864000         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32				
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         12734         12734 ± 2         ✓           VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16         38885         38885 ± 2         ✓           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2704864000         2704864000         ✓           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2704864000         2704864000         ✓           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32         0.000314116478         0.00031410993 ± 1.25663627181805E-06         ✓           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         0.00014394894         0.000124399332 ± 1.25663627181805E-06         ✓           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         0.00014394894         0.00014399332 ± 1.25663627181805E-06         ✓           VehDyn_AutoCntrLoSpd_M_str.MitrVel_MtrRadpS_f32         638.585999         638.585999 ± 0.2         ✓           VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32         4.9565835         4.9565835 ± 0.04         ✓           VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32         75.6018066         75.6018066 ± 0.0625         ✓           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2037         22037 ± 2         ✓           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2704864000         2704864000         2704864000           Ve				-
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16         38885         38885 ± 2           VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2704864000         2704864000           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2704864000         2704864000           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32         0.000314116478         0.000314110993 ± 1.25663627181805E-06           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         0.0001243994894         0.000124399332 ± 1.25663627181805E-06           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         0.0001243994894         0.000124399332 ± 1.25663627181805E-06           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32         0.000124394894         0.000124399332 ± 1.25663627181805E-06           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt3SV_HwInf32         0.88.585999         638.585999 ± 0.2           VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNlm_f32         4.9565835         122.874435 ± 0.5           VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32         75.6018066         75.6018066 ± 0.0625           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         26195         26195 ± 2           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2704864000         2704864000           VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32         2704864000         2704864000           VehDyn_AutoCntrLoSpd_M_str.RelHwPos	· - · - · · · - · - · - · · - · · - ·			
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32         2704864000         2704864000           VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         2704864000         2704864000           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32         0.000314116478         0.00031410993 ± 1.25663627181805E-06           VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_UIs_f32         0.000124394894         0.000124399332 ± 1.25663627181805E-06           VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32         638.585999         638.585999 ± 0.2           VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32         122.874435         122.874435 ± 0.5           VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32         4.9565835         4.9565835 ± 0.04           VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32         75.6018066         75.6018066 ± 0.0625           VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16         26195         26195 ± 2           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2704864000         2704864000           VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32         2704864000         2704864000           VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32         0.000432193279         0.000432189729 ± 1.25663627181805E-06           VehDyn_PinTrqSV_M_str.K_UIs_f32         0.000314116478         0.000314110993 ± 1.25663627181805E-06           VehDyn_SLPHwAuth_UIs_M_f32         0.225600004				-
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32       2704864000       2704864000         VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32       0.000314116478       0.00031410993 ± 1.25663627181805E-06         VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32       0.000124394894       0.000124399332 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32       638.585999       638.585999 ± 0.2         VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32       122.874435       122.874435 ± 0.5         VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32       4.9565835       4.9565835 ± 0.04         VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32       75.6018066       75.6018066 ± 0.0625         VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       26195       26195 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       22037       22037 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       2704864000       2704864000         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32       0.000432193279       0.000432189729 ± 1.25663627181805E-06         VehDyn_FinTrqSV_M_str.K_UIs_f32       0.000314116478       0.00031410993 ± 1.25663627181805E-06         VehDyn_SLPHwAuth_UIs_M_f32       0.225600004       0.225600004 <td></td> <td></td> <td></td> <td></td>				
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32       0.000314116478       0.00031410993 ± 1.25663627181805E-06         VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32       0.000124394894       0.000124399332 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32       638.585999       638.585999 ± 0.2         VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32       122.874435       122.874435 ± 0.5         VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32       4.9565835       4.9565835 ± 0.04         VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32       75.6018066       75.6018066 ± 0.0625         VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       26195       26195 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       22037       22037 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       2704864000       2704864000         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32       0.000432193279       0.000432189729 ± 1.25663627181805E-06         VehDyn_PinTrqSV_M_str.K_Uls_f32       0.000314116478       0.00031410993 ± 1.25663627181805E-06         VehDyn_SLPHwAuth_Uls_M_f32       0.225600004       0.225600004				-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32       0.000124394894       0.000124399332 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32       638.585999       638.585999 ± 0.2         VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32       122.874435       122.874435 ± 0.5         VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32       4.9565835       4.9565835 ± 0.04         VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32       75.6018066       75.6018066 ± 0.0625         VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       26195       26195 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       22037       22037 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       2704864000       2704864000         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       2704864000       2704864000         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32       0.000432193279       0.000432189729 ± 1.25663627181805E-06         VehDyn_FinTrqSV_M_str.K_Uls_f32       0.000314116478       0.00031410993 ± 1.25663627181805E-06         VehDyn_SLPHwAuth_Uls_M_f32       0.225600004       0.225600004				
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32       638.585999       638.585999 ± 0.2         VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32       122.874435       122.874435 ± 0.5         VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32       4.9565835       4.9565835 ± 0.04         VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32       75.6018066       75.6018066 ± 0.0625         VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       26195       26195 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       22037       22037 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       2704864000       2704864000         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       2704864000       2704864000         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32       0.000432193279       0.000432189729 ± 1.25663627181805E-06         VehDyn_FinTrqSV_M_str.K_Uls_f32       0.000314116478       0.00031410993 ± 1.25663627181805E-06         VehDyn_SLPHwAuth_Uls_M_f32       0.225600004       0.225600004				-
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32       122.874435       122.874435 ± 0.5         VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32       4.9565835       4.9565835 ± 0.04         VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32       75.6018066       75.6018066 ± 0.0625         VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       26195       26195 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       22037       22037 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       2704864000       2704864000         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       2704864000       2704864000         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32       0.000432193279       0.000432189729 ± 1.25663627181805E-06         VehDyn_FinTrqSV_M_str.K_UIs_f32       0.000314116478       0.00031410993 ± 1.25663627181805E-06         VehDyn_SLPHwAuth_UIs_M_f32       0.225600004       0.225600004	, - ,			
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32       4.9565835       4.9565835 ± 0.04         VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32       75.6018066       75.6018066 ± 0.0625         VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       26195       26195 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       22037       22037 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       2704864000       2704864000         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       2704864000       2704864000         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32       0.000432193279       0.000432189729 ± 1.25663627181805E-06         VehDyn_FinTrqSV_M_str.K_UIs_f32       0.000314116478       0.00031410993 ± 1.25663627181805E-06         VehDyn_SLPHwAuth_UIs_M_f32       0.225600004       0.225600004				-
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32       75.6018066       75.6018066 ± 0.0625         VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       26195       26195 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       22037       22037 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       2704864000       2704864000         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       2704864000       2704864000         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32       0.000432193279       0.000432189729 ± 1.25663627181805E-06         VehDyn_FinTrqSV_M_str.K_UIs_f32       0.000314116478       0.00031410993 ± 1.25663627181805E-06         VehDyn_SLPHwAuth_UIs_M_f32       0.225600004       0.225600004				_
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16       26195       26195 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       22037       22037 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       2704864000       2704864000         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       2704864000       2704864000         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32       0.000432193279       0.000432189729 ± 1.25663627181805E-06         VehDyn_PinTrqSV_M_str.K_UIs_f32       0.000314116478       0.00031410993 ± 1.25663627181805E-06         VehDyn_SLPHwAuth_UIs_M_f32       0.225600004       0.225600004				<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16       22037       22037 ± 2         VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       2704864000       2704864000         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       2704864000       2704864000         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32       0.000432193279       0.000432189729 ± 1.25663627181805E-06         VehDyn_PinTrqSV_M_str.K_UIs_f32       0.000314116478       0.00031410993 ± 1.25663627181805E-06         VehDyn_SLPHwAuth_UIs_M_f32       0.225600004       0.225600004				~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32       2704864000       2704864000       ✓         VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       2704864000       2704864000       ✓         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06       ✓         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32       0.000432193279       0.000432189729 ± 1.25663627181805E-06       ✓         VehDyn_PinTrqSV_M_str.K_UIs_f32       0.000314116478       0.00031410993 ± 1.25663627181805E-06       ✓         VehDyn_SLPHwAuth_UIs_M_f32       0.225600004       0.225600004       ✓				~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32       2704864000       2704864000       ✓         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06       ✓         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32       0.000432193279       0.000432189729 ± 1.25663627181805E-06       ✓         VehDyn_PinTrqSV_M_str.K_UIs_f32       0.000314116478       0.00031410993 ± 1.25663627181805E-06       ✓         VehDyn_SLPHwAuth_UIs_M_f32       0.225600004       0.225600004       ✓	, - ,			
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32       6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32       0.000432193279       0.000432189729 ± 1.25663627181805E-06         VehDyn_PinTrqSV_M_str.K_Uls_f32       0.000314116478       0.00031410993 ± 1.25663627181805E-06         VehDyn_SLPHwAuth_Uls_M_f32       0.225600004       0.225600004				•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32       0.000432193279       0.000432189729 ± 1.25663627181805E-06         VehDyn_PinTrqSV_M_str.K_Uls_f32       0.000314116478       0.00031410993 ± 1.25663627181805E-06         VehDyn_SLPHwAuth_Uls_M_f32       0.225600004       0.225600004	, - ,			
VehDyn_PinTrqSV_M_str.K_Uls_f32       0.000314116478       0.00031410993 ± 1.25663627181805E-06         VehDyn_SLPHwAuth_Uls_M_f32       0.225600004       0.225600004				
VehDyn_SLPHwAuth_Uls_M_f32         0.225600004         0.225600004				
,				•
				•

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>





Test Step 2.45 (Repeat Count = 1)		
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	75.4518967	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.063000001	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0074999983	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	573.473022	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	1.88103604	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	99.2100525	
k_AutoCntrHiSpdTimer1_mS_u16	4764	
k_AutoCntrHiSpdTimer2_mS_u16	39996	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	79.0500031	
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	243.44046	
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	17.900116	
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	17.667511	
k_AutoCntrHiSpdTimer4_mS_u16	16349	
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	46.103508	
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00520000001	
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0458000004	
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	159.033066	
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	18.4460754	
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	56.1687317	
k_AutoCntrLoSpdTimer1_mS_u16	43190	
k_AutoCntrLoSpdTimer2_mS_u16	3186	
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.063000001	
k_SLPEnableBFCheck_Cnt_lgc	1	
k_SLPHwAuthority_Uls_f32	0.232199997	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	583.992981	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0	
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
tgt_GetSystemTime_mS_u32_CurrentTime	662694400	
Name	Actual Value Expected Value	Resul
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	243.44046 ± 0.2	•
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	17.667511 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	17 000116 1 0 01	
> =	17.900116 17.900116 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	79.0500031 79.0500031 ± 0.0625	•
		•
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	79.0500031 79.0500031 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	79.0500031	•
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	79.0500031	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	79.0500031	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	79.0500031	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32	79.0500031	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
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VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
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VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
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VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	79.0500031       79.0500031 ± 0.0625         4764       4764 ± 2         16349       16349 ± 2         662694400       662694400         652694400       662694400         6.53429888e-005 ± 1.25663627181805E-06         0.000575363636       0.000575374172 ± 1.25663627181805E-06         573.473022       573.473022 ± 0.2         99.2100525       99.2100525 ± 0.5         1.88103604       1.88103604 ± 0.04         75.4518967       75.4518967 ± 0.0625         4764       4764 ± 2         39996       39996 ± 2         662694400       662694400         662694400       662694400         0.000791370869       0.000791368075 ± 1.25663627181805E-06         9.42349434e-005       9.42433398e-005 ± 1.25663627181805E-06         159.033066       159.033066 ± 0.2         56.1687317       56.1687317 ± 0.5         18.4460754       18.4460754 ± 0.04         46.103508       46.103508 ± 0.0625         43190       43190 ± 2         3186       3186 ± 2         662694400       662694400         662694400       662694400	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u36  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32	79.0500031       79.0500031 ± 0.0625         4764       4764 ± 2         16349       16349 ± 2         662694400       662694400         652694400       662694400         6.53266907e-005       6.53429888e-005 ± 1.25663627181805E-06         0.000575363636       0.000575374172 ± 1.25663627181805E-06         573.473022       573.473022 ± 0.2         99.2100525       99.2100525 ± 0.5         1.88103604       1.88103604 ± 0.04         75.4518967       75.4518967 ± 0.0625         4764       4764 ± 2         39996       39996 ± 2         662694400       662694400         662694400       662694400         0.000791370869       0.000791368075 ± 1.25663627181805E-06         9.42349434e-005       9.42433398e-005 ± 1.25663627181805E-06         159.033066       159.033066 ± 0.2         56.1687317       56.1687317 ± 0.5         18.4460754       18.4460754 ± 0.04         46.103508       46.103508 ± 0.0625         43190       43190 ± 2         3186       3186 ± 2         662694400       662694400         662694400       662694400         662694400       662699400         662694400       662694400	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.WehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u20 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltSV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltSV_HwDeg_str.K_UIs_f32	79.0500031       79.0500031 ± 0.0625         4764       4764 ± 2         16349       16349 ± 2         662694400       662694400         652694400       662694400         6.53266907e-005       6.53429888e-005 ± 1.25663627181805E-06         0.000575363636       0.000575374172 ± 1.25663627181805E-06         573.473022       573.473022 ± 0.2         99.2100525       99.2100525 ± 0.5         1.88103604       1.88103604 ± 0.04         75.4518967       75.4518967 ± 0.0625         4764       4764 ± 2         39996       39996 ± 2         662694400       662694400         0.000791370869       0.000791368075 ± 1.25663627181805E-06         9.42349434e-005       9.42433398e-005 ± 1.25663627181805E-06         159.033066       159.033066 ± 0.2         56.1687317       56.1687317 ± 0.5         18.4460754       48.1460754 ± 0.04         46.103508       46.103508 ± 0.0625         43190       43190 ± 2         3186       3186 ± 2         662694400       662694400         662694400       662694400         653266907e-005       6.53429888e-005 ± 1.25663627181805E-06         0.000575363636       0.000575374172 ± 1.25663627181805E-06 </td <td></td>	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u36  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32	79.0500031       79.0500031 ± 0.0625         4764       4764 ± 2         16349       16349 ± 2         662694400       662694400         652694400       662694400         6.53266907e-005       6.53429888e-005 ± 1.25663627181805E-06         0.000575363636       0.000575374172 ± 1.25663627181805E-06         573.473022       573.473022 ± 0.2         99.2100525       99.2100525 ± 0.5         1.88103604       1.88103604 ± 0.04         75.4518967       75.4518967 ± 0.0625         4764       4764 ± 2         39996       39996 ± 2         662694400       662694400         662694400       662694400         0.000791370869       0.000791368075 ± 1.25663627181805E-06         9.42349434e-005       9.42433398e-005 ± 1.25663627181805E-06         159.033066       159.033066 ± 0.2         56.1687317       56.1687317 ± 0.5         18.4460754       18.4460754 ± 0.04         46.103508       46.103508 ± 0.0625         43190       43190 ± 2         3186       3186 ± 2         662694400       662694400         662694400       662694400         662694400       662699400         662694400       662694400	



Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.46 (Repeat Count = 1)	Innex Value	•
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	96.1530533	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00200000009	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0049999989	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	328.049988	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	16.2922134	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	42.3900299	
k_AutoCntrHiSpdTimer1_mS_u16	44765	
k_AutoCntrHiSpdTimer2_mS_u16	49995	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	5	
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	225.86203	
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	17.1959343	
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	253.171951	
k_AutoCntrHiSpdTimer4_mS_u16	45170	
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	99.388649	
k AutoCntrLoSpdFilt1Kn Hz f32	0.00499999989	
k AutoCntrLoSpdFilt2Kn Hz f32	0.0560000017	
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	403.203857	
	18.2375278	
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	216.894852	
k_AutoCntrLoSpdTimer1_mS_u16	51139	
k_AutoCntrLoSpdTimer2_mS_u16	36841	
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00200000009	
k_SLPEnableBFCheck_Cnt_lgc	0	
k_SLPHwAuthority_Uls_f32	0.291599989	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	367.696014	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	
$target\_Rte\_Call\_Ap\_VehDyn\_NxtrDiagMgr\_GetNTCActive\_NTCActive\_Ptr\_T\_lgctrickiter = 0.0000000000000000000000000000000000$	: 1	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
tgt_GetSystemTime_mS_u32_CurrentTime	1711664384	
Name	Actual Value Expected Value	Resul
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	225.86203	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	253.171951 253.171951 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	17.1959343 17.1959343 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	5 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	44765 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	44765	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	44765     44765 ± 2       45170     45170 ± 2       1711664384     1711664384	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	44765     44765 ± 2       45170     45170 ± 2       1711664384     1711664384       1711664384     1711664384	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	44765     44765 ± 2       45170     45170 ± 2       1711664384     1711664384       1711664384     1711664384       6.28232956e-005     6.28298803e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	44765     44765 ± 2       45170     45170 ± 2       1711664384     1711664384       1711664384     1711664384       6.28232956e-005     6.28298803e-005 ± 1.25663627181805E-06       0.000703454018     0.00070346921 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	44765     44765 ± 2       45170     45170 ± 2       1711664384     1711664384       1711664384     1711664384       6.28232956e-005     6.28298803e-005 ± 1.25663627181805E-06       0.000703454018     0.00070346921 ± 1.25663627181805E-06       328.049988     328.049988 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	44765     44765 ± 2       45170     45170 ± 2       1711664384     1711664384       1711664384     1711664384       6.28232956e-005     6.28298803e-005 ± 1.25663627181805E-06       0.000703454018     0.00070346921 ± 1.25663627181805E-06       328.049988     328.049988 ± 0.2       42.3900299     42.3900299 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	44765     44765 ± 2       45170     45170 ± 2       1711664384     1711664384       1711664384     1711664384       6.28232956e-005     6.28298803e-005 ± 1.25663627181805E-06       0.000703454018     0.00070346921 ± 1.25663627181805E-06       328.049988     328.049988 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32	44765     44765 ± 2       45170     45170 ± 2       1711664384     1711664384       1711664384     1711664384       6.28232956e-005     6.28298803e-005 ± 1.25663627181805E-06       0.000703454018     0.00070346921 ± 1.25663627181805E-06       328.049988     328.049988 ± 0.2       42.3900299     42.3900299 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	44765       44765 ± 2         45170       45170 ± 2         1711664384       1711664384         1711664384       1711664384         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         0.000703454018       0.00070346921 ± 1.25663627181805E-06         328.049988       328.049988 ± 0.2         42.3900299       42.3900299 ± 0.5         16.2922134       16.2922134 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	44765       44765 ± 2         45170       45170 ± 2         1711664384       1711664384         1711664384       1711664384         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         0.000703454018       0.00070346921 ± 1.25663627181805E-06         328.049988       328.049988 ± 0.2         42.3900299       42.3900299 ± 0.5         16.2922134       16.2922134 ± 0.04         96.1530533       96.1530533 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	44765       44765 ± 2         45170       45170 ± 2         1711664384       1711664384         1711664384       1711664384         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         0.000703454018       0.00070346921 ± 1.25663627181805E-06         328.049988       328.049988 ± 0.2         42.3900299       42.3900299 ± 0.5         16.2922134       16.2922134 ± 0.04         96.1530533       96.1530533 ± 0.0625         44765       44765 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	44765       44765 ± 2         45170       45170 ± 2         1711664384       1711664384         1711664384       1711664384         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         0.000703454018       0.00070346921 ± 1.25663627181805E-06         328.049988       328.049988 ± 0.2         42.3900299       42.3900299 ± 0.5         16.2922134       16.2922134 ± 0.04         96.1530533       96.1530533 ± 0.0625         44765       44765 ± 2         49995       49995 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	44765       44765 ± 2         45170       45170 ± 2         1711664384       1711664384         1711664384       1711664384         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         0.000703454018       0.00070346921 ± 1.25663627181805E-06         328.049988       328.049988 ± 0.2         42.3900299       42.3900299 ± 0.5         16.2922134       16.2922134 ± 0.04         96.1530533       96.1530533 ± 0.0625         44765       44765 ± 2         49995       49995 ± 2         1711664384       1711664384	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	44765       44765 ± 2         45170       45170 ± 2         1711664384       1711664384         1711664384       1711664384         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         0.000703454018       0.00070346921 ± 1.25663627181805E-06         328.049988       328.049988 ± 0.2         42.3900299       42.3900299 ± 0.5         16.2922134       16.2922134 ± 0.04         96.1530533       96.1530533 ± 0.0625         44765       44765 ± 2         49995       49995 ± 2         1711664384       1711664384         1711664384       1711664384	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	44765       44765 ± 2         45170       45170 ± 2         1711664384       1711664384         1711664384       1711664384         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         0.000703454018       0.00070346921 ± 1.25663627181805E-06         328.049988       328.049988 ± 0.2         42.3900299       42.3900299 ± 0.5         16.2922134       16.2922134 ± 0.04         96.1530533       96.1530533 ± 0.0625         44765       44765 ± 2         49995       49995 ± 2         1711664384       1711664384         1711664384       1711664384         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-06         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	44765       44765 ± 2         45170       45170 ± 2         1711664384       1711664384         1711664384       1711664384         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         0.000703454018       0.00070346921 ± 1.25663627181805E-06         328.049988       328.049988 ± 0.2         42.3900299       42.3900299 ± 0.5         16.2922134       16.2922134 ± 0.04         96.1530533       96.1530533 ± 0.0625         44765       44765 ± 2         49995       49995 ± 2         1711664384       1711664384         1711664384       1711664384         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-06         6.28232956e-005       6.28238803e-005 ± 1.25663627181805E-06         403.203857       403.203857 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.NehByd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.VehByd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32	44765       44765 ± 2         45170       45170 ± 2         1711664384       1711664384         1711664384       1711664384         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         0.000703454018       0.00070346921 ± 1.25663627181805E-06         328.049988       328.049988 ± 0.2         42.3900299       42.3900299 ± 0.5         16.2922134       16.2922134 ± 0.04         96.1530533       96.1530533 ± 0.0625         44765       44765 ± 2         49995       49995 ± 2         1711664384       1711664384         1711664384       1711664384         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-06         6.28232956e-005       6.28238803e-005 ± 1.25663627181805E-06         403.203857       403.203857 ± 0.2         216.894852       216.894852 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.NttrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.NetPel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	44765       44765 ± 2         45170       45170 ± 2         1711664384       1711664384         1711664384       1711664384         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         0.000703454018       0.00070346921 ± 1.25663627181805E-06         328.049988       328.049988 ± 0.2         42.3900299       42.3900299 ± 0.5         16.2922134       16.2922134 ± 0.04         96.1530533       96.1530533 ± 0.0625         44765       44765 ± 2         49995       49995 ± 2         1711664384       1711664384         1711664384       1711664384         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-06         6.28232956e-005       6.28238803e-005 ± 1.25663627181805E-06         403.203857       403.203857 ± 0.2         216.894852       216.894852 ± 0.5         18.2375278       18.2375278 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	44765       44765 ± 2         45170       45170 ± 2         1711664384       1711664384         1711664384       1711664384         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         0.000703454018       0.00070346921 ± 1.25663627181805E-06         328.049988       328.049988 ± 0.2         42.3900299       42.3900299 ± 0.5         16.2922134       16.2922134 ± 0.04         96.1530533       96.1530533 ± 0.0625         44765       44765 ± 2         49995       49995 ± 2         1711664384       1711664384         1711664384       1711664384         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-06         6.28232956e-005       6.282398803e-005 ± 1.25663627181805E-06         403.203857       403.203857 ± 0.2         216.894852       216.894852 ± 0.5         18.2375278       18.2375278 ± 0.04         99.388649       99.388649 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.NtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.Wtvel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	44765       44765 ± 2         45170       45170 ± 2         1711664384       1711664384         1711664384       1711664384         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         0.000703454018       0.00070346921 ± 1.25663627181805E-06         328.049988       328.049988 ± 0.2         42.3900299       42.3900299 ± 0.5         16.2922134       16.2922134 ± 0.04         96.1530533       96.1530533 ± 0.0625         44765       44765 ± 2         49995       49995 ± 2         1711664384       1711664384         1711664384       1711664384         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-06         6.28232956e-005       6.282398803e-005 ± 1.25663627181805E-06         403.203857       403.203857 ± 0.2         216.894852       216.894852 ± 0.5         18.2375278       18.2375278 ± 0.04         99.388649       99.388649 ± 0.0625         51139       51139 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.NtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	44765       44765 ± 2         45170       45170 ± 2         1711664384       1711664384         1711664384       1711664384         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         0.000703454018       0.00070346921 ± 1.25663627181805E-06         328.049988       328.049988 ± 0.2         42.3900299       42.3900299 ± 0.5         16.2922134       16.2922134 ± 0.04         96.1530533       96.1530533 ± 0.0625         44765       44765 ± 2         49995       49995 ± 2         1711664384       1711664384         1711664384       1711664384         2.51531601e-005       2.51324254e-005 ± 1.25663627181805E-06         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         403.203857       403.203857 ± 0.2         216.894852       216.894852 ± 0.5         18.2375278       18.2375278 ± 0.04         99.388649       99.388649 ± 0.0625         51139       51139 ± 2         36841       36841 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.NtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	44765       44765 ± 2         45170       45170 ± 2         1711664384       1711664384         1711664384       1711664384         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         0.000703454018       0.00070346921 ± 1.25663627181805E-06         328.049988       328.049988 ± 0.2         42.3900299       42.3900299 ± 0.5         16.2922134       16.2922134 ± 0.04         96.1530533       96.1530533 ± 0.0625         44765       44765 ± 2         49995       49995 ± 2         1711664384       1711664384         1711664384       1711664384         2.51331601e-005       2.51324254e-005 ± 1.25663627181805E-06         6.28232956e-005       6.282398803e-005 ± 1.25663627181805E-06         403.203857       403.203857 ± 0.2         216.894852       216.894852 ± 0.5         18.2375278       18.2375278 ± 0.04         99.388649       99.388649 ± 0.0625         51139       51139 ± 2         36841       36841 ± 2         1711664384       1711664384	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.NtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	44765       44765 ± 2         45170       45170 ± 2         1711664384       1711664384         1711664384       1711664384         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         0.000703454018       0.00070346921 ± 1.25663627181805E-06         328.049988       328.049988 ± 0.2         42.3900299       42.3900299 ± 0.5         16.2922134 ± 0.04       96.1530533         96.1530533       96.1530533 ± 0.0625         44765 ± 2       49995         49995       49995 ± 2         1711664384       1711664384         1711664384       1711664384         1711664384       1711664384         2.51324254e-005 ± 1.25663627181805E-06       6.28232956e-005         403.203857       403.203857 ± 0.2         216.894852       216.894852 ± 0.5         18.2375278       18.2375278 ± 0.04         99.388649       99.388649 ± 0.0625         51139       51139 ± 2         36841       36841 ± 2         1711664384       1711664384         1711664384       1711664384	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	44765       44765 ± 2         45170       45170 ± 2         1711664384       1711664384         1711664384       1711664384         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         0.000703454018       0.00070346921 ± 1.25663627181805E-06         328.049988       328.049988 ± 0.2         42.3900299       42.3900299 ± 0.5         16.2922134       16.2922134 ± 0.04         96.1530533       96.1530533 ± 0.0625         44765       44765 ± 2         49995       49995 ± 2         1711664384       1711664384         1711664384       1711664384         2.51331601e-005       2.51324254e-005 ± 1.25663627181805E-06         6.28232956e-005       6.282398803e-005 ± 1.25663627181805E-06         403.203857       403.203857 ± 0.2         216.894852       216.894852 ± 0.5         18.2375278       18.2375278 ± 0.04         99.388649       99.388649 ± 0.0625         51139       51139 ± 2         36841       36841 ± 2         1711664384       1711664384	





Name	Actual Value	Expected Value	Result
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-	06
VehDyn_SLPHwAuth_Uls_M_f32	0.291599989	0.291599989	~
VehDyn SLPHwPos HwDeg M f32	367.696014	367.696014	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime mS u32	1	GetSystemTime mS u32	1	<b>✓</b>

Test Step 2.47 (Repeat Count = 1)		
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	43.6620522	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00200000009	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0149999997	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	448.286377	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	20	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	144.583755	
k_AutoCntrHiSpdTimer1_mS_u16	0	
k_AutoCntrHiSpdTimer2_mS_u16	41107	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	62.654911	
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	608.513794	
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	11.5653687	
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	76.64888	
k_AutoCntrHiSpdTimer4_mS_u16	51504	
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	91.3417435	
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0320999995	
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0049999989	
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	487.27597	
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	12.8190889	
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	254.395218	
k_AutoCntrLoSpdTimer1_mS_u16	30404	
k_AutoCntrLoSpdTimer2_mS_u16	30349	
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00200000009	
k_SLPEnableBFCheck_Cnt_lgc	0	
k_SLPHwAuthority_UIs_f32	0.238800004	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	559.960022	
	559.900022	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_Igc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_Igc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	1	
$target\_Pim\_MotPosReset.NVMStoredLastPosValid\_Cnt\_lgc \\ target\_Rte\_Call\_Ap\_VehDyn\_NxtrDiagMgr\_GetNTCActive\_NTCActive\_Ptr\_T\_lgc \\ \\$	1 1 target_Pim_MotPosReset	Resu
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_Igc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_Igc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name	1 1 target_Pim_MotPosReset 2303132928	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_Igc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	1 1 target_Pim_MotPosReset 2303132928  Actual Value	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	1 1 target_Pim_MotPosReset 2303132928  Actual Value 608.513794  608.513794  Expected Value 608.513794 ± 0.2	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	1 1 target_Pim_MotPosReset 2303132928  Actual Value 608.513794 608.513794 608.513794 ± 0.2 76.64888 76.64888 ± 0.5 11.5653687 11.5653687 ± 0.04	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	1 1 target_Pim_MotPosReset 2303132928  Actual Value 608.513794 608.513794 608.513794 608.513794 ± 0.2 76.64888 76.64888 76.64888 ± 0.5 11.5653687 11.5653687 62.654911 62.654911 62.654911 ± 0.0625	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	1 1 target_Pim_MotPosReset 2303132928  Actual Value 608.513794 608.513794 608.513794 608.513794 ± 0.2 76.64888 76.64888 76.64888 ± 0.5 11.5653687 11.5653687 62.654911 62.654911 0 0 0 ± 2	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	1 1 target_Pim_MotPosReset 2303132928  Actual Value 608.513794 608.513794 608.513794 76.64888 76.64888 76.64888  76.64888 ± 0.5 11.5653687 11.5653687 11.5653687 ± 0.04 62.654911 62.654911 ± 0.0625 0 0 ± 2 51504 51504	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1 1 target_Pim_MotPosReset 2303132928  Actual Value 608.513794 608.513794 608.513794 76.64888 76.64888 76.64888 + 0.5 11.5653687 11.5653687 + 0.04 62.654911 62.654911 62.654911 62.654911 51504 51504 51504 2303132928 2303132928	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1 1 target_Pim_MotPosReset 2303132928  Actual Value 608.513794 608.513794 608.513794 76.64888 76.64888 76.64888  76.64888  11.5653687 11.5653687 11.5653687  10.04 62.654911 62.654911 62.654911  62.654911 62.654911 62.634911   62.634911   62.634911   62.634911   62.634911   62.634911   62.634911   62.634911   62.634911   62.634911   62.634911   62.634911   62.634911   62.634911   62.634911   62.634911   62.634911   62.634911   62.634911	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	1 1 1 target_Pim_MotPosReset 2303132928  Actual Value 608.513794 608.513794 608.513794 ± 0.2 76.64888 76.64888 ± 0.5 11.5653687 11.5653687 ± 11.5653687 ± 0.04 62.654911 62.654911 62.654911 62.654911 51504 51504 51504 2303132928 2303132928 2303132928 2303132928 0.000403285027 0.000403299142 ± 1.25663627181805E-6	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	1 1 1 target_Pim_MotPosReset 2303132928  Actual Value 608.513794 608.513794 608.513794 ± 0.2 76.64888 76.64888 ± 0.5 11.5653687 11.5653687 ± 11.5653687 ± 0.04 62.654911 62.654911 62.654911 62.654911 ± 0.0625 0 0 ± 2 51504 51504 ± 2 2303132928 2303132928 2303132928 2303132928 0.000403285027 6.28238803e-005 ± 1.25663627181805E-662823956e-005	06
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	1 1 1 target_Pim_MotPosReset 2303132928  Actual Value 608.513794 608.513794 608.513794 ± 0.2 76.64888 76.64888 76.64888 ± 0.5 11.5653687 11.5653687 ± 0.04 62.654911 62.654911 ± 0.0625 0 0 ± 2 51504 51504 ± 2 2303132928 2303132928 2303132928 2303132928 0.000403285027 0.000403299142 ± 1.25663627181805E-66.28232956e-005 6.28238803e-005 ± 1.25663627181805E-648.286377 448.286377 ± 0.2	06
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	1 1 1 target_Pim_MotPosReset 2303132928  Actual Value 608.513794 608.513794 608.513794 ± 0.2 76.64888 76.64888 76.64888 ± 0.5 11.5653687 11.5653687 ± 0.04 62.654911 62.654911 ± 0.0625 0 0 ± 2 51504 51504 ± 2 2303132928 2303132928 2303132928 2303132928 0.000403285027 0.000403299142 ± 1.25663627181805E-448.286377 448.286377 ± 0.2 144.583755 144.583755 ± 0.5	06
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	06
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_Igc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_Igc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	06 06
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitl1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitl2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	06
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_Igc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_Igc target_Rte_Lnst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u5 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_MS_u5 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u5 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFit11SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFit2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFit2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	1 1 1 1 1arget_Pim_MotPosReset 2303132928  Actual Value 608.513794 608.513794 608.513794 76.64888 76.64888 76.64888 76.64888 ± 0.5 11.5653687 11.5653687 62.654911 62.654911 62.654911 62.054911 ± 0.0625 0 0 ± 2 51504 2303132928 2303132928 2303132928 2303132928 2303132928 0.000403285027 6.28232956e-005 6.2823956e-005 448.286377 448.286377 ± 1.25663627181805E-1 448.286377 144.583755 144.583755 144.583755 144.583755 ± 0.5 20 20 ± 0.04 43.6620522 0 0 ± 2 41107 41107 ± 2	06
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u5 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u5 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u5 VehDyn_AutoCntrHiSpd_M_str.Timer1_hvNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	06
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt3SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_ms_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_ms_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_ms_u32	1 1 1 1 1arget_Pim_MotPosReset 2303132928  Actual Value 608.513794 608.513794 608.513794 76.64888 76.64888 76.64888 ± 0.5 11.5653687 11.5653687 62.654911 62.654911 62.654911 ± 0.0625 0 0 1±2 51504 2303132928 2303132928 2303132928 2303132928 2303132928 0.000403285027 6.28232956e-005 6.28232956e-005 6.2823956e-005 448.286377 144.583755 144.583755 120 20 ± 0.04 43.6620522 43.6620522 43.6620522 ± 0.0625 0 0 0 ± 2 41107 41107 ± 2 2303132928 2303132928 2303132928 2303132928 2303132928	06
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_Igc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_Igc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Tnresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Tnresh_mS_u20 VehDyn_AutoCntrDetSpd_M_str.Timer2Tns_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1 1 1 1 1arget_Pim_MotPosReset 2303132928  Actual Value 608.513794 608.513794 608.513794 76.64888 76.64888 76.64888 ± 0.5 11.5653687 11.5653687 11.5653687 62.654911 62.654911 62.654911 ± 0.0625 0 0 0 ± 2 51504 2303132928 2303132928 2303132928 2303132928 0.000403285027 6.28232956e-005 6.28232956e-005 448.286377 144.583755 144.583755 120 20 ± 0.04 43.6620522 43.6620522 43.6620522 ± 0.0625 0 0 0 ± 2 41107 41107 ± 2 2303132928 2303132928 2303132928 2303132928 2303132928 2303132928 2303132928 2303132928 2303132928 2303132928 2303132928 2303132928 2303132928 25.51531601e-005	06
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_Igc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_Igc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	06 06
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_Igc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_Igc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt3SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_	1 1 1 1 1 1arget_Pim_MotPosReset 2303132928  Actual Value 608.513794 608.513794 608.513794 76.64888 76.64888 76.64888 76.64888 + 0.5 11.5653687 11.5653687 11.5653687 62.654911 62.654911 62.654911 ± 0.0625 0 0 5 ± 2 51504 2303132928 2303132928 2303132928 2303132928 0.000403285027 6.28232956e-005 448.286377 144.583755 145.583758 144.583755 145.583758 144.583755 145.583758 145.583758 146.20522 147.00 157.00	06 06 06
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_Igc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_Igc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt3SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1_hrs_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	06 06 06
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.NetrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NetPel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.TitPinTrq_HwNm_f32	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	06
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_Igc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_Igc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime  Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt3SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	06 06 06





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2303132928	2303132928	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2303132928	2303132928	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403299142 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.238800004	0.238800004	~
VehDyn_SLPHwPos_HwDeg_M_f32	559.960022	559.960022	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>

Test Step 2.48 (Repeat Count = 1) Name	Input Value		
	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2 75.7771378		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	0.0049999989		
k_AutoCntrHiSpdFilt1Kn_Hz_f32			
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0049999989		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	170.210068		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	9.64343548		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	112.884521		
k_AutoCntrHiSpdTimer1_mS_u16	60000		
k_AutoCntrHiSpdTimer2_mS_u16	42218		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	97.1869812		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	601.888977		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	20		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	166.376648		
k_AutoCntrHiSpdTimer4_mS_u16	57879		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	28.5844917		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0850000009		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00899999961		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	686.9823		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	7.86307621		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	33.3876343		
k_AutoCntrLoSpdTimer1_mS_u16	10412		
k_AutoCntrLoSpdTimer2_mS_u16	3277		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0049999989		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.245399997		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	535.927002		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	4129141760		
Name	Actual Value Expected Value	Resu	
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	601.888977 601.888977 ± 0.2	,	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.376648 166.376648 ± 0.5		
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	20 20 ± 0.04		
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	97.1869812 97.1869812 ± 0.0625		
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	60000 60000 ± 2		
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	57879 57879 ± 2		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4129141760 4129141760		
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4129141760 4129141760		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00106757879		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32			
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	170.210068		
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32			
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	9.64343548		
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75.7771378		
VehDyn_AutoCotrl ISad_M_str.Timer1Thresh_mS_u16	60000 ± 2		
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	42218 42218 ± 2	1	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4129141760 4129141760		
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4129141760 4129141760		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-0		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-0		
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	686.9823 ± 0.2	<b>`</b>	
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	33.3876343		





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.86307621	7.86307621 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	28.5844917	28.5844917 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	10412	10412 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3277	3277 ± 2	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4129141760	4129141760	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4129141760	4129141760	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00106757879	0.00106757123 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	<b>~</b>
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>

Test Step 2.49 (Repeat Count = 1) Name	Input Value		
	tgt_GetSystemTime_mS_u32_CurrentTime		
GetSystemTime_mS_u32(CurrentTime)  Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc		
Rte_Call_Ap_veribyit_inxtibilagiligit_Getivi Cactive(NTCactive_Pti_1_igc)  Rte_Inst_Ap_Veribyit	target_Rte_Call_Ap_VenDyn_Inxtribiagingl_GetinTCActive_NTCActive_Pti_1_igc  target_Rte_Inst_Ap_VenDyn_2		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	36.63274		
	0.0344000012		
<_AutoCntrHiSpdFilt1Kn_Hz_f32			
<_AutoCntrHiSpdFilt2Kn_Hz_f32 AutoCntrHiSpdFilt2Kn_Hz_f32	0.0250000004		
<_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	292.78537		
<_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	15.4148769		
<_AutoCntrHiSpdTimer1VehSpd_kph_f32	70.7165985		
<_AutoCntrHiSpdTimer1_mS_u16	1500		
x_AutoCntrHiSpdTimer2_mS_u16	43329		
<_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	14.9879189		
C_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	291.415405		
C_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	7.84722853		
x_AutoCntrHiSpdTimer4VehSpd_kph_f32	41.1777191		
x_AutoCntrHiSpdTimer4_mS_u16	44494		
x_AutoCntrLoSpdCntrWindow_HwDeg_f32	67.4213715		
:_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0089999961		
:_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0250000004		
_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	170.99588		
_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	8.17953968		
_AutoCntrLoSpdTimer1VehSpd_kph_f32	7.39476013		
_AutoCntrLoSpdTimer1_mS_u16	16683		
_AutoCntrLoSpdTimer2_mS_u16	22497		
_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0344000012		
s_SLPEnableBFCheck_Cnt_lgc	0		
C_SLPHwAuthority_Uls_f32	0.252000004		
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	511.894012		
arget_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
arget_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0		
arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
gt_GetSystemTime_mS_u32_CurrentTime	2836768512		
Name	Actual Value Expected Value	Resu	
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	291.415405		
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	41.1777191 41.1777191 ± 0.5		
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	7.84722853 7.84722853 ± 0.04		
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	14.9879189 14.9879189 ± 0.0625		
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	1500 1500 ± 2		
	44494 4494 ± 2		
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16			
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32			
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2836768512 2836768512		
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011		
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478		
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	292.78537 292.78537 ± 0.2		
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	70.7165985		
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	15.4148769 15.4148769 ± 0.04		
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	36.63274 ± 0.0625		
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	1500 1500 ± 2		
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	43329 ± 2		
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2836768512 2836768512 2836768512 2836768512		

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000432193279	0.000432189729 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	170.99588	170.99588 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	7.39476013	7.39476013 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.17953968	8.17953968 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	67.4213715	67.4213715 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	16683	16683 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22497	22497 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2836768512	2836768512	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2836768512	2836768512	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000432193279	0.000432189729 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.252000004	0.252000004	•
VehDyn_SLPHwPos_HwDeg_M_f32	511.894012	511.894012	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>	

Test Step 2.50 (Repeat Count = 1)			•
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTir	ne	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagM	gr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	77.1508331		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0458000004		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.063000001		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	263.707825		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	5.88711405		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	81.0172424		
k_AutoCntrHiSpdTimer1_mS_u16	38792		
k_AutoCntrHiSpdTimer2_mS_u16	44440		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	90.0811462		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	417.567505		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	13.1425486		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	224.821381		
k_AutoCntrHiSpdTimer4_mS_u16	0		
k AutoCntrLoSpdCntrWindow HwDeg f32	89.9028549		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00499999989		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.063000001		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	374.245026		
k AutoCntrLoSpdTimer1PinTrg HwNm f32	18.0723743		
k AutoCntrLoSpdTimer1VehSpd kph f32	88.4202576		
k AutoCntrLoSpdTimer1 mS u16	5235		
k_AutoCntrLoSpdTimer2_mS_u16	27074		
k AutoCntrPinTrqLPFCoeffKn Hz f32	0.0458000004		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.258599997		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	487.860992		
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	0		
target Rte Call Ap VehDyn NxtrDiagMgr GetNTCActive NTCActive Ptr T Igc	0		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	2478427648		
Name	Actual Value	Expected Value	Resul
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	417.567505	417.567505 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	224.821381	224.821381 ± 0.5	
VehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	13.1425486	13.1425486 ± 0.04	
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	90.0811462	90.0811462 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	38792	38792 ± 2	
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	0	0 ± 2	
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2478427648	2478427648	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2478427648	2478427648	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000791370869	0.20290003E-003 ± 1.25063627181805E-06	
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	263.707825	263.707825 ± 0.2	
	200.101020	200.101020 ± 0.2	
· - · · -	81 0172424	81 0172424 + 0 5	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	81.0172424 5.88711405	81.0172424 ± 0.5 5.88711405 ± 0.04	

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38792	38792 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	44440	44440 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2478427648	2478427648	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2478427648	2478427648	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575374172 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	374.245026	374.245026 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	88.4202576	88.4202576 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.0723743	18.0723743 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	89.9028549	89.9028549 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235	5235 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27074	27074 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2478427648	2478427648	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2478427648	2478427648	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000575363636	0.000575374172 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	

Test Step 2.51 (Repeat Count = 1)			
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive	e_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	3.27935433		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0049999989		
c_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00200000009		
<_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	517.932861		
<_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	4.54822206		
x_AutoCntrHiSpdTimer1VehSpd_kph_f32	190.724686		
<pre></pre>	28556		
AutoCntrHiSpdTimer2_mS_u16	45551		
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	95.2508621		
<ul> <li>AutoCntrHiSpdTimer4MtrVel MtrRadpS f32</li> </ul>	132.854568		
AutoCntrHiSpdTimer4PinTrq_HwNm_f32	2.87444711		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	41.7497711		
<ul> <li>AutoCntrHiSpdTimer4 mS u16</li> </ul>	60000		
AutoCntrLoSpdCntrWindow HwDeg f32	28.4195251		
AutoCntrLoSpdFilt1Kn Hz f32	0.00899999961		
AutoCntrLoSpdFilt2Kn Hz f32	0.00200000009		
AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	74.5651398		
AutoCntrLoSpdTimer1PinTrg HwNm f32	12.3046961		
<pre>c_AutoCntrLoSpdTimer1VehSpd_kph_f32</pre>	140.20314		
<pre>c_AutoCntrLoSpdTimer1_mS_u16</pre>	58736		
:_AutoCntrLoSpdTimer2_mS_u16	17880		
: AutoCntrPinTrqLPFCoeffKn Hz f32	0.0049999989		
SLPEnableBFCheck Cnt Igc	0		
SLPHwAuthority Uls f32	0.265199989		
arget Pim MotPosReset.NVMStoredLastPos HwDeg f32	463.828003		
arget Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1		
arget Rte Call Ap VehDyn NxtrDiagMgr GetNTCActive NTCActive Ptr T lgc	1		
arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target Pim MotPosReset		
gt GetSystemTime mS u32 CurrentTime	4180236544		
Name	Actual Value Expected Value	i i	Resu
/ehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	132.854568 132.854568 ± 0.2		
/ehDyn AutoCntrDetSpd M str.VehSpd kph f32	41.7497711 41.7497711 ± 0.5		
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.87444711 2.87444711 ± 0.04		
/ehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	95.2508621 95.2508621 ± 0.0625		
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	28556 28556 ± 2		
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	60000 60000 ± 2		
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4180236544 4180236544		
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4180236544 4180236544		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV HwDeg_str.K Uls_f32	0.000113070011 0.000113090937 ± 1.25	663627181805E-06	
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	2.51531601e-005 2.51324254e-005 ± 1.25		





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	517.932861	517.932861 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	190.724686	190.724686 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.54822206	4.54822206 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	3.27935433	3.27935433 ± 0.0625	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	28556	28556 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	45551	45551 ± 2	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4180236544	4180236544	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4180236544	4180236544	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	74.5651398	74.5651398 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	140.20314	140.20314 ± 0.5	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.3046961	12.3046961 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	28.4195251	28.4195251 ± 0.0625	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	58736	58736 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	17880	17880 ± 2	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4180236544	4180236544	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4180236544	4180236544	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0.265199989	0.265199989	~
VehDyn_SLPHwPos_HwDeg_M_f32	463.828003	463.828003	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>

Name	Input Value		
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 CurrentTime	•	
Rte Call Ap VehDyn NxtrDiagMgr GetNTCActive(NTCActive Ptr T lgc)	target Rte Call Ap VehDyn NxtrDiagMgr	GetNTCActive NTCActive Ptr T Igo	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	25.0328922		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00899999961		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00499999989		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	612.468079		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	13.018939		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	63.774231		
k_AutoCntrHiSpdTimer1_mS_u16	16090		
k_AutoCntrHiSpdTimer2_mS_u16	46662		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	38.5810089		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	661.950806		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	15.5126753		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	111.386475		
k_AutoCntrHiSpdTimer4_mS_u16	2000		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	37.1736603		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0250000004		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00499999989		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	700		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	19.562748		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	236.276367		
k_AutoCntrLoSpdTimer1_mS_u16	17015		
k_AutoCntrLoSpdTimer2_mS_u16	58102		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00899999961		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_UIs_f32	0.271800011		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	439.795013		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
$target\_Rte\_Call\_Ap\_VehDyn\_NxtrDiagMgr\_GetNTCActive\_NTCActive\_Ptr\_T\_lgctrices and the property of the propert$	0		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	3368466432		
Name	Actual Value	Expected Value	Resul
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	661.950806	661.950806 ± 0.2	•
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	111.386475	111.386475 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	15.5126753	15.5126753 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	38.5810089	38.5810089 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	16090	16090 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	2000	2000 ± 2	

VehDyn\_Init1



Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3368466432	3368466432	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3368466432	3368466432	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	612.468079	612.468079 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	63.774231	63.774231 ± 0.5	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	13.018939	13.018939 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	25.0328922	25.0328922 ± 0.0625	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	16090	16090 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	46662	46662 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3368466432	3368466432	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3368466432	3368466432	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	700	700 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	236.276367	236.276367 ± 0.5	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	19.562748	19.562748 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	37.1736603	37.1736603 ± 0.0625	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	17015	17015 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	58102	58102 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3368466432	3368466432	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3368466432	3368466432	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>

Test Step 2.53 (Repeat Count = 1)			•
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTim	е	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMg	r_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	22.7924805		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0250000004		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0344000012		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	0		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	20		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	14.1099701		
k_AutoCntrHiSpdTimer1_mS_u16	14255		
k_AutoCntrHiSpdTimer2_mS_u16	47773		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	98.5101929		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	181.227158		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	15.03372		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	237.210739		
k_AutoCntrHiSpdTimer4_mS_u16	1971		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	1.43633437		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.063000001		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00520000001		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	473.999298		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	10.8610411		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	137.791061		
k_AutoCntrLoSpdTimer1_mS_u16	37086		
k_AutoCntrLoSpdTimer2_mS_u16	772		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0250000004		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.278400004		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	415.761993		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lg	c 1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	170564352		
Name	Actual Value	Expected Value	Resul
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	181.227158	181.227158 ± 0.2	•
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	237.210739	237.210739 ± 0.5	•





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	15.03372	15.03372 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	98.5101929	98.5101929 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	14255	14255 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	1971	1971 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	170564352	170564352	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	170564352	170564352	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53429888e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	0	0 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	14.1099701	14.1099701 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	22.7924805	22.7924805 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	14255	14255 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	47773	47773 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	170564352	170564352	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	170564352	170564352	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000432193279	0.000432189729 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	473.999298	473.999298 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	137.791061	137.791061 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.8610411	10.8610411 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	1.43633437	1.43633437 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	37086	37086 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	772	772 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	170564352	170564352	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	170564352	170564352	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53429888e-005 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.278400004	0.278400004	~
VehDyn_SLPHwPos_HwDeg_M_f32	415.761993	415.761993	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Name	Input Value
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
AutoCntrHiSpdCntrWindow_HwDeg_f32	36.1406059
c_AutoCntrHiSpdFilt1Kn_Hz_f32	0.063000001
c_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0458000004
<_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	700
c_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	15.1538467
<_AutoCntrHiSpdTimer1VehSpd_kph_f32	158.649628
_AutoCntrHiSpdTimer1_mS_u16	43706
_AutoCntrHiSpdTimer2_mS_u16	48884
_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	40.6512985
_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	12.3902884
_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	18.3508968
<_AutoCntrHiSpdTimer4VehSpd_kph_f32	119.534821
_AutoCntrHiSpdTimer4_mS_u16	5814
_AutoCntrLoSpdCntrWindow_HwDeg_f32	29.760561
_AutoCntrLoSpdFilt1Kn_Hz_f32	0.061999999
_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0350000001
_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	11.0084457
_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	6.93631697
_AutoCntrLoSpdTimer1VehSpd_kph_f32	104.043854
_AutoCntrLoSpdTimer1_mS_u16	18398
_AutoCntrLoSpdTimer2_mS_u16	39001
_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.063000001
<pre>c_SLPEnableBFCheck_Cnt_lgc</pre>	1
_SLPHwAuthority_Uls_f32	0.284999996
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	391.729004
arget_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0
arget_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgd	0
arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset





Name	Input Value		
tgt_GetSystemTime_mS_u32_CurrentTime	625668608		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	12.3902884	12.3902884 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	119.534821	119.534821 ± 0.5	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.3508968	18.3508968 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	40.6512985	40.6512985 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43706	43706 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	5814	5814 ± 2	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	625668608	625668608	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	625668608	625668608	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000778794289	0.000778811518 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439726253 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	700	700 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	158.649628	158.649628 ± 0.5	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	15.1538467	15.1538467 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	36.1406059	36.1406059 ± 0.0625	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	43706	43706 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	48884	48884 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	625668608	625668608	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	625668608	625668608	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575374172 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	11.0084457	11.0084457 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	104.043854	104.043854 ± 0.5	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.93631697	6.93631697 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	29.760561	29.760561 ± 0.0625	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	18398	18398 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	39001	39001 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	625668608	625668608	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	625668608	625668608	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000778794289	0.000778811518 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439726253 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
,		•		

Test Step 2.55 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	96.1530533
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00200000009
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00499999989
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	328.049988
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	16.2922134
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	42.3900299
k_AutoCntrHiSpdTimer1_mS_u16	44765
k_AutoCntrHiSpdTimer2_mS_u16	49995
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	69.3795242
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	225.86203
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	17.1959343
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	253.171951
k_AutoCntrHiSpdTimer4_mS_u16	45170
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	99.388649
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00499999989
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0560000017
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	403.203857
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	18.2375278
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	216.894852
k_AutoCntrLoSpdTimer1_mS_u16	51139
k_AutoCntrLoSpdTimer2_mS_u16	36841
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00200000009
k_SLPEnableBFCheck_Cnt_lgc	0
k_SLPHwAuthority_Uls_f32	0.291599989

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Name	Input Value		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	367.696014		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	1711664384		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	225.86203	225.86203 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	253.171951	253.171951 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	17.1959343	17.1959343 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	69.3795242	69.3795242 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	44765	44765 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	45170	45170 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1711664384	1711664384	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1711664384	1711664384	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000703454018	0.00070346921 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	328.049988	328.049988 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	42.3900299	42.3900299 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.2922134	16.2922134 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.1530533	96.1530533 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	44765	44765 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	49995	49995 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1711664384	1711664384	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1711664384	1711664384	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	403.203857	403.203857 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	216.894852	216.894852 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.2375278	18.2375278 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	99.388649	99.388649 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	51139	51139 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36841	36841 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1711664384	1711664384	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1711664384	1711664384	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000703454018	0.00070346921 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.291599989	0.291599989	~
VehDyn_SLPHwPos_HwDeg_M_f32	367.696014	367.696014	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime mS u32	1	GetSystemTime mS u32	1	<b>✓</b>

Test Step 2.56 (Repeat Count = 1)	✓
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	24.5077915
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0250000004
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00989999995
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	20
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.68037319
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	168.185226
k_AutoCntrHiSpdTimer1_mS_u16	30272
k_AutoCntrHiSpdTimer2_mS_u16	2904
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	51.7886963
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	272.816681
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	13.0401011
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	209.062363
k_AutoCntrHiSpdTimer4_mS_u16	3628
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	59.735672
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.063000001
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0049999989
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	499.624054
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	6.55805016
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	125.396591
k_AutoCntrLoSpdTimer1_mS_u16	36412

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Name	Input Value		
k_AutoCntrLoSpdTimer2_mS_u16	14998		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0250000004		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.300000012		
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	-689.755981		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target Rte Call Ap VehDyn NxtrDiagMgr GetNTCActive NTCActive Ptr T Ign	c 1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	3941357312		
Name	Actual Value	Expected Value	Result
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	272.816681	272.816681 ± 0.2	
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	209.062363	209.062363 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	13.0401011	13.0401011 ± 0.04	
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	51.7886963	51.7886963 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	30272	30272 ± 2	
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	3628	3628 ± 2	
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	3941357312	3941357312	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3941357312	3941357312	
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	٠,
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	20	20 ± 0.2	٠,
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	168.185226	168.185226 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.68037319	8.68037319 ± 0.04	٠,
VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	24.5077915	24.5077915 ± 0.0625	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	30272	30272 ± 2	٠,
VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	2904	2904 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3941357312	3941357312	٠,
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3941357312	3941357312	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000124394894	0.000124399332 ± 1.25663627181805E-06	
VehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	499.624054	499.624054 ± 0.2	٠,
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	125.396591	125.396591 ± 0.5	
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.55805016	6.55805016 ± 0.04	٠,
VehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	59.735672	59.735672 ± 0.0625	
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	36412	36412 ± 2	٠,
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	14998	14998 ± 2	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3941357312	3941357312	٠,
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3941357312	3941357312	
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	٠,
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	
VehDyn SLPHwAuth Uls M f32	0.300000012	0.300000012	
VehDyn_SLPHwPos_HwDeg_M_f32	-689.755981	-689.755981	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime mS u32	1	GetSystemTime mS u32	1	V

Test Step 2.57 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	64.1327362
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00499999989
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00899999961
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	320.858643
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	11.4043941
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	0
k_AutoCntrHiSpdTimer1_mS_u16	9606
k_AutoCntrHiSpdTimer2_mS_u16	51106
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	57.9277077
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	420.750946
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	13.9586134
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	110.432434
k_AutoCntrHiSpdTimer4_mS_u16	40701
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	76.8895721
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00899999961
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0670000017





Name	Input Value		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	70.1366196		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	5.44028044		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	211.513733		
k_AutoCntrLoSpdTimer1_mS_u16	19138		
k_AutoCntrLoSpdTimer2_mS_u16	31995		
k AutoCntrPinTrqLPFCoeffKn Hz f32	0.00499999989		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_UIs_f32	0.298200011		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	343.662994		
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	0		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target Pim MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	1568734208		
Name	Actual Value	Expected Value	Result
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	420,750946	420.750946 ± 0.2	~
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	110.432434	110.432434 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	13.9586134	13.9586134 ± 0.04	_
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	57.9277077	57.9277039 ± 0.0625	<b>V</b>
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	9606	9606 ± 2	_
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	40701	40701 ± 2	<b>✓</b>
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	1568734208	1568734208	_
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1568734208	1568734208	~
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	_
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000841617584	0.000841592497 ± 1.25663627181805E-06	<b>✓</b>
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	320.858643	320.858643 ± 0.2	_
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	0	0 ± 0.5	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	11.4043941	11.4043941 ± 0.04	_
VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	64.1327362	64.1327362 ± 0.0625	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	9606	9606 ± 2	-
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	51106	51106 ± 2	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1568734208	1568734208	_
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1568734208	1568734208	•
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	_
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	70.1366196	70.1366196 ± 0.2	_
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	211.513733	211.513733 ± 0.5	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	5.44028044	5.44028044 ± 0.04	_
VehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	76.8895721	76.8895721 ± 0.0625	<b>~</b>
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	19138	19138 ± 2	_
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	31995	31995 ± 2	<b>~</b>
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	1568734208	1568734208	-
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	1568734208	1568734208	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	-
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000841617584	0.000841592497 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	-
VehDyn SLPHwAuth Uls M f32	0	0	•
VehDyn SLPHwPos HwDeg M f32	0	0	_
- 7	11	1.	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime mS u32	1	GetSystemTime mS u32	1	<b>✓</b>

Test Step 2.58 (Repeat Count = 1)	✓
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	88.5801086
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00520000001
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0250000004
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	525.752197
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	13.4235058
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	255
k_AutoCntrHiSpdTimer1_mS_u16	42277
k_AutoCntrHiSpdTimer2_mS_u16	52217
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	38.5221024
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	265.609314
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	5.71470642
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	196.135361





Name	Input Value		
k_AutoCntrHiSpdTimer4_mS_u16	54573		
k AutoCntrLoSpdCntrWindow HwDeg f32	58.6687202		
k AutoCntrLoSpdFilt1Kn Hz f32	0.0250000004		
k AutoCntrLoSpdFilt2Kn Hz f32	0.00600000005		
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	72.2188644		
k AutoCntrLoSpdTimer1PinTrg HwNm f32	5.45036793		
k AutoCntrLoSpdTimer1VehSpd kph f32	172.141464		
k AutoCntrLoSpdTimer1 mS u16	47724		
k AutoCntrLoSpdTimer2 mS u16	1764		
k AutoCntrPinTrqLPFCoeffKn Hz f32	0.00520000001		
k SLPEnableBFCheck Cnt Igc	0		
k SLPHwAuthority Uls f32	0.304800004		
target Pim MotPosReset.NVMStoredLastPos HwDeq f32	319.630005		
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1		
target Rte Inst Ap VehDyn 2.Pim MotPosReset	target Pim MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	4195077888		
Name	Actual Value	Expected Value	Result
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	265.609314	265.609314 ± 0.2	Result
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	196.135361	196.135361 ± 0.5	
	5.71470642	5.71470642 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeq_f32	38.5221024	38.5221024 ± 0.0625	
, = , = = = = 0=	42277	42277 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16			
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	54573	54573 ± 2	J
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4195077888	4195077888	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4195077888	4195077888	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53953791e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	525.752197	525.752197 ± 0.2	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	255	255 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	13.4235058	13.4235058 ± 0.04	
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	88.5801086	88.5801086 ± 0.0625	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	42277	42277 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52217	52217 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4195077888	4195077888	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4195077888	4195077888	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53429888e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	72.2188644	72.2188644 ± 0.2	•
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	172.141464	172.141464 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	5.45036793	5.45036793 ± 0.04	•
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	58.6687202	58.6687202 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	47724	47724 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	1764	1764 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4195077888	4195077888	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4195077888	4195077888	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53953791e-005 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.53266907e-005	6.53429888e-005 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0.304800004	0.304800004	•
VehDyn_SLPHwPos_HwDeg_M_f32	319.630005	319.630005	-

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime mS u32	1	GetSystemTime mS u32	1	<b>✓</b>

Test Step 2.59 (Repeat Count = 1)	v v v v v v v v v v v v v v v v v v v
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	21.7662468
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0350000001
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.063000001
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	664.569519
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	12.4867144
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	228.050003
k_AutoCntrHiSpdTimer1_mS_u16	8935
k_AutoCntrHiSpdTimer2_mS_u16	53328





Name	Input Value		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	49.7095528		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	450.146423		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	9.50154114		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	182.573456		
k_AutoCntrHiSpdTimer4_mS_u16	7812		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	61.1730156		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.063000001		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00779999979		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	560.017944		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	3.75256419		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	184.805145		
k_AutoCntrLoSpdTimer1_mS_u16	10463		
k_AutoCntrLoSpdTimer2_mS_u16	43013		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0350000001		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.311399996		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	295.596985		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
$target\_Rte\_Call\_Ap\_VehDyn\_NxtrDiagMgr\_GetNTCActive\_NTCActive\_Ptr\_T\_lgct_NtrDiagMgr\_GetNTCActive\_NTCActiv$	0		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	2339853824		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	450.146423	450.146423 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	182.573456	182.573456 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	9.50154114	9.50154114 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	49.7095528	49.7095528 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	8935	8935 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	7812	7812 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2339853824	2339853824	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2339853824	2339853824	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.80128898e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	664.569519	664.569519 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	228.050003	228.050003 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	12.4867144	12.4867144 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	21.7662468	21.7662468 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	8935	8935 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	53328	53328 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2339853824	2339853824	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2339853824	2339853824	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439726253 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	560.017944	560.017944 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	184.805145	184.805145 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.75256419	3.75256419 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	61.1730156	61.1730156 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	10463	10463 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	43013	43013 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2339853824	2339853824	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2339853824	2339853824	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.80128898e-005 ± 1.25663627181805E-06	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000439703465	0.000439726253 ± 1.25663627181805E-06	
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.60 (Repeat Count = 1)	
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	32.0222664
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0344000012
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0250000004
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	575.91394





Name	Input Value		
k AutoCntrHiSpdTimer1PinTrg HwNm f32	8.9376688		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	65		
k AutoCntrHiSpdTimer1 mS u16	5222		
k AutoCntrHiSpdTimer2 mS u16	4240		
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	93.8445969		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	312.352844		
k AutoCntrHiSpdTimer4PinTrq HwNm f32	8.16609764		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	68		
k AutoCntrHiSpdTimer4 mS u16	31042		
k AutoCntrLoSpdCntrWindow HwDeg f32	95.9834061		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00499999989		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00499999989		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	195.818787		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	7.82910013		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	29.3435669		
k_AutoCntrLoSpdTimer1_mS_u16	25532		
k_AutoCntrLoSpdTimer2_mS_u16	27401		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0344000012		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.608399987		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	785.888		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	3323480832		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	312.352844	312.352844 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	68	68 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.16609764	8.16609764 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	93.8445969	93.8445969 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	5222	5222 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	31042	31042 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3323480832	3323480832	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3323480832	3323480832	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	575.91394	575.91394 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	65	65 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.9376688	8.9376688 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.0222664	32.0222664 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	5222	5222 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	4240	4240 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3323480832	3323480832	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3323480832	3323480832	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000432193279	0.000432189729 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	195.818787	195.818787 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	29.3435669	29.3435669 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.82910013	7.82910013 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	95.9834061	95.9834061 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	25532	25532 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27401	27401 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3323480832	3323480832	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3323480832	3323480832	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	<b>V</b>
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.000432193279	0.000432189729 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.608399987	0.608399987	~
VehDyn_SLPHwPos_HwDeg_M_f32	785.888	785.888	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.61 (Repeat Count = 1)		<b>V</b>
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	





Name	Input Value		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	19.5605583		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0560000017		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00200000009		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	572.561157		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	0		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	193.532913		
k_AutoCntrHiSpdTimer1_mS_u16	16201		
k_AutoCntrHiSpdTimer2_mS_u16	54439		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	75.1727753		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	520.135864		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	12.4131937 52.6185455		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32 k_AutoCntrHiSpdTimer4_mS_u16	54779		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	27.0724258		
k AutoCntrLoSpdFilt1Kn Hz f32	0.00200000009		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00899999961		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	199.42067		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	7.28609991		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	255		
k_AutoCntrLoSpdTimer1_mS_u16	18002		
k AutoCntrLoSpdTimer2 mS u16	18842		
k AutoCntrPinTrqLPFCoeffKn Hz f32	0.0560000017		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.317999989		
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	271.563995		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1		
target Rte Inst Ap VehDyn 2.Pim MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	3524313344		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	520.135864	520.135864 ± 0.2	- Cooult
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.6185455	52.6185455 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.4131937	12.4131937 ± 0.04	_
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.1727753	75.1727753 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	16201	16201 ± 2	_
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	54779	54779 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3524313344	3524313344	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3524313344	3524313344	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	572.561157	572.561157 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	193.532913	193.532913 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0	0 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	19.5605583	19.5605583 ± 0.0625	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	16201	16201 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	54439	54439 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3524313344	3524313344	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3524313344	3524313344	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000703454018	0.00070346921 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	199.42067	199.42067 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	255	255 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.28609991	7.28609991 ± 0.04	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	27.0724258	27.0724258 ± 0.0625	~
	21.0124230	1	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	18002	18002 ± 2	
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16		18002 ± 2 18842 ± 2	~
	18002		
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	18002 18842	18842 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	18002 18842 3524313344	18842 ± 2 3524313344	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	18002 18842 3524313344 3524313344	18842 ± 2 3524313344 3524313344	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	18002 18842 3524313344 3524313344 2.51531601e-005	18842 ± 2 3524313344 3524313344 2.51324254e-005 ± 1.25663627181805E-06	<b>*</b>
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	18002 18842 3524313344 3524313344 2.51531601e-005 0.000113070011	18842 ± 2 3524313344 3524313344 2.51324254e-005 ± 1.25663627181805E-06 0.000113090937 ± 1.25663627181805E-06	· · · · · ·

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•



Test Step 2.62 (Repeat Count = 1)		~
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	72.3069534	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0670000017	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00499999989	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	532.443176	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	20	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	116.974548	
k_AutoCntrHiSpdTimer1_mS_u16	28925	
k_AutoCntrHiSpdTimer2_mS_u16	55550	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	67.8938828	
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	498.552795	
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	1.5492686	
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	42.4051514	
k_AutoCntrHiSpdTimer4_mS_u16	40071	
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	51.3248215	
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00499999989	
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0344000012	
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	32.0000687	
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	0.0526188612	
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	86.9903564	
k_AutoCntrLoSpdTimer1_mS_u16	4363	
k_AutoCntrLoSpdTimer2_mS_u16	58876	
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0670000017	
k_SLPEnableBFCheck_Cnt_lgc	1	
k_SLPHwAuthority_Uls_f32	0.324600011	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	247.531006	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0	
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
tgt_GetSystemTime_mS_u32_CurrentTime	2108719104	
Name	Actual Value Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	498.552795 498.552795 ± 0.2	•
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	42.4051514 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	1.5492686 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	67.8938828 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	28925 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	40071 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2108719104 2108719104	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2108719104 2108719104	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2108719104 2108719104 6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-00	3
, - ,		3
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-0	3
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-00 0.000432193279 0.000432189729 ± 1.25663627181805E-06	3
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         0.000432193279       0.000432189729 ± 1.25663627181805E-06         532.443176       532.443176 ± 0.2	6
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-06 0.000432193279 0.000432189729 ± 1.25663627181805E-06 532.443176 532.443176 ± 0.2 116.974548 116.974548 ± 0.5	6
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-06 0.000432193279 0.000432189729 ± 1.25663627181805E-06 532.443176 532.443176 ± 0.2 116.974548 ± 0.5 20 20 ± 0.04	3
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	$\begin{array}{lll} 6.28232956e-005 & 6.28298803e-005 \pm 1.25663627181805E-06 \\ 0.000432193279 & 0.000432189729 \pm 1.25663627181805E-06 \\ 532.443176 & 532.443176 \pm 0.2 \\ 116.974548 & 116.974548 \pm 0.5 \\ 20 & 20 \pm 0.04 \\ 72.3069534 & 72.3069534 \pm 0.0625 \end{array}$	3
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-06 0.000432193279 0.000432189729 ± 1.25663627181805E-06 532.443176 532.443176 ± 0.2 116.974548 116.974548 ± 0.5 20 20 ± 0.04 72.3069534 72.3069534 ± 0.0625 28925 28925 ± 2	5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-06 0.000432193279 0.000432189729 ± 1.25663627181805E-06 532.443176 532.443176 ± 0.2 116.974548 116.974548 ± 0.5 20 20 ± 0.04 72.3069534 72.3069534 ± 0.0625 28925 28925 ± 2 55550 55550 ± 2 2108719104 2108719104	6
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	$\begin{array}{llllllllllllllllllllllllllllllllllll$	6
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-06 0.000432193279 0.000432189729 ± 1.25663627181805E-06 532.443176 532.443176 ± 0.2 116.974548 116.974548 ± 0.5 20 20 ± 0.04 72.3069534 72.3069534 ± 0.0625 28925 28925 ± 2 55550 55550 ± 2 2108719104 2108719104 0.000841617584 0.000841592497 ± 1.25663627181805E-06	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         0.000432193279       0.000432189729 ± 1.25663627181805E-06         532.443176       532.443176 ± 0.2         116.974548       116.974548 ± 0.5         20       20 ± 0.04         72.3069534       72.3069534 ± 0.0625         28925       28925 ± 2         55550       55550 ± 2         2108719104       2108719104         2108719104       2108719104         0.000841617584       0.000841592497 ± 1.25663627181805E-06         6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FitlPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-06 0.000432193279 0.000432189729 ± 1.25663627181805E-06 532.443176 532.443176 ± 0.2 116.974548 116.974548 ± 0.5 20 20 ± 0.04 72.3069534 72.3069534 ± 0.0625 28925 28925 ± 2 55550 55550 ± 2 2108719104 2108719104 2108719104 2108719104 0.000841617584 0.000841592497 ± 1.25663627181805E-06 6.28232956e-005 32.0000687 32.0000687	5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         0.000432193279       0.000432189729 ± 1.25663627181805E-06         532.443176       532.443176 ± 0.2         116.974548       116.974548 ± 0.5         20       20 ± 0.04         72.3069534       72.3069534 ± 0.0625         28925       28925 ± 2         55550       55550 ± 2         2108719104       2108719104         2108719104       2108719104         0.000841617584       0.000841592497 ± 1.25663627181805E-06         6.28232956e-005       32.0000687         32.0000687       32.0000687 ± 0.2         86.9903564       86.9903564 ± 0.5	5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiitPinTrq_HwNm_f32	6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         0.000432193279       0.000432189729 ± 1.25663627181805E-06         532.443176       532.443176 ± 0.2         116.974548       116.974548 ± 0.5         20       20 ± 0.04         72.3069534       72.3069534 ± 0.0625         28925       28925 ± 2         55550       55550 ± 2         2108719104       2108719104         20000841617584       0.000841592497 ± 1.25663627181805E-06         6.28232956e-005       32.0000687         32.0000687       32.000687 ± 0.2         86.9903564       0.0526188612         0.0526188612       0.0526188612 ± 0.04	5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         0.000432193279       0.000432189729 ± 1.25663627181805E-06         532.443176       532.443176 ± 0.2         116.974548       116.974548 ± 0.5         20       20 ± 0.04         72.3069534       72.3069534 ± 0.0625         28925       28925 ± 2         55550       55550 ± 2         2108719104       2108719104         20000841617584       0.000841592497 ± 1.25663627181805E-06         6.28232956e-005       32.0000687         32.0000687       32.000687 ± 0.2         86.9903564       86.9903564 ± 0.5         0.0526188612       0.0526188612 ± 0.04         51.3248215       51.3248215 ± 0.0625	5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-06 0.000432193279 0.000432189729 ± 1.25663627181805E-06 532.443176 532.443176 ± 0.2 116.974548 116.974548 ± 0.5 20 20 ± 0.04 72.3069534 72.3069534 ± 0.0625 28925 28925 ± 2 55550 55550 ± 2 2108719104 2108719104 2108719104 2108719104 0.000841617584 0.000841592497 ± 1.25663627181805E-06 6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-06 32.0000687 32.0000687 ± 0.2 86.9903564 0.0526188612 0.0526188612 ± 0.04 51.3248215 51.3248215 ± 0.0625	5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	6.28232956e-005       6.28298803e-005 ± 1.25663627181805E-06         0.000432193279       0.000432189729 ± 1.25663627181805E-06         532.443176       532.443176 ± 0.2         116.974548       116.974548 ± 0.5         20       20 ± 0.04         72.3069534       72.3069534 ± 0.0625         28925       28925 ± 2         55550       55550 ± 2         2108719104       2108719104         20.000841617584       0.000841592497 ± 1.25663627181805E-06         6.28232956e-005       32.0000687         32.0000687       32.000687 ± 0.2         86.9903564       86.9903564 ± 0.5         0.0526188612       0.0526188612 ± 0.04         51.3248215       51.3248215 ± 0.0625         4363       4363 ± 2         58876       58876 ± 2	5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-06 0.000432193279 0.000432189729 ± 1.25663627181805E-06 532.443176 532.443176 ± 0.2 116.974548 116.974548 ± 0.5 20 20 ± 0.04 72.3069534 72.3069534 ± 0.0625 28925 28925 ± 2 55550 55550 ± 2 2108719104 2108719104 0.000841617584 0.000841592497 ± 1.25663627181805E-06 6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-06 32.0000687 32.000687 ± 0.2 86.9903564 0.0526188612 ± 0.04 51.3248215 51.3248215 ± 0.0625 4363 4363 ± 2 58876 58876 ± 2 2108719104	5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mv_mf32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-06 0.000432193279 0.000432189729 ± 1.25663627181805E-06 532.443176 532.443176 ± 0.2 116.974548 116.974548 ± 0.5 20 20 ± 0.04 72.3069534 72.3069534 ± 0.0625 28925 28925 ± 2 55550 55550 ± 2 2108719104 2108719104 0.000841617584 0.000841592497 ± 1.25663627181805E-06 6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-06 32.0000687 32.0000687 86.9903564 0.0526188612 ± 0.04 51.3248215 51.3248215 ± 0.0625 4363 4363 ± 2 58876 58876 ± 2 2108719104 2108719104 2108719104 2108719104	5 5 5 5 6
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-06 0.000432193279 0.000432189729 ± 1.25663627181805E-06 532.443176 532.443176 ± 0.2 116.974548 116.974548 ± 0.5 20 20 ± 0.04 72.3069534 72.3069534 ± 0.0625 28925 28925 ± 2 55550 55550 ± 2 2108719104 2108719104 0.000841617584 0.000841592497 ± 1.25663627181805E-06 6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-06 0.0526188612 0.0526188612 ± 0.04 51.3248215 ± 0.0625 4363 4363 ± 2 58876 58876 58876 ± 2 2108719104 2108719104 2108719104 2108719104 2108719104 2108719104	6
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-06 0.000432193279 0.000432189729 ± 1.25663627181805E-06 532.443176 532.443176 ± 0.2 116.974548 116.974548 ± 0.5 20 20 ± 0.04 72.3069534 72.3069534 ± 0.0625 28925 28925 ± 2 55550 55550 ± 2 2108719104 2108719104 2108719104 2108719104 0.000841617584 0.000841592497 ± 1.25663627181805E-06 6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-06 32.000687 86.9903564 ± 0.5 0.0526188612 0.0526188612 ± 0.04 51.3248215 51.3248215 ± 0.0625 4363 4363 ± 2 58876 58876 58876 ± 2 2108719104 2108719104 2108719104 2108719104 2108719104 2108719104 2108719104 2108719104 2108719104 2108719104 2108719104 2108719104 6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-06 0.000432193279 0.000432189729 ± 1.25663627181805E-06	6



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>

Test Step 2.63 (Repeat Count = 1) Name	Input Value	
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 CurrentTime	
· · · · · ·		
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)  Rte_Inst_Ap_VehDyn	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
k AutoCntrHiSpdCntrWindow HwDeg f32	target_Rte_Inst_Ap_VehDyn_2 47.1172676	
	0.0250000004	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00520000004	
k_AutoCntrHiSpdFilt2Kn_Hz_f32		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	330.663879	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	14.0500002	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	53.6340179	
k_AutoCntrHiSpdTimer1_mS_u16	18436	
k_AutoCntrHiSpdTimer2_mS_u16	56661	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	52.8357315	
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	129.583893	
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	2.4654448	
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	169.279709	
k_AutoCntrHiSpdTimer4_mS_u16	46866	
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	80.1532669	
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00520000001	
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0458000004	
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	207.336761	
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	15.5891829	
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	126.774094	
k_AutoCntrLoSpdTimer1_mS_u16	29601	
k_AutoCntrLoSpdTimer2_mS_u16	17463	
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0250000004	
k_SLPEnableBFCheck_Cnt_lgc	0	
k_SLPHwAuthority_Uls_f32	0.331200004	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	223.498001	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
tgt_GetSystemTime_mS_u32_CurrentTime	2894938880	
Name	Actual Value Expected Value	Resu
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	129.583893 129.583893 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	169.279709 169.279709 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.4654448 2.4654448 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.8357315 52.8357315 ± 0.0625	
VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	18436 18436 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	46866 46866 ± 2	
VehDyn_AutoChtrDetSpd_M_str.Timer1_mS_u32	2894938880 2894938880	
	2894938880 2894938880	
	1	
	C E22CC007~ 00E	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.53266907e-005 6.53429888e-005 ± 1.25663627181805E-	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000575363636 0.000575374172 ± 1.25663627181805E-0	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	0.000575363636     0.000575374172 ± 1.25663627181805E-0       330.663879     330.663879 ± 0.2	6
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	0.000575363636     0.000575374172 ± 1.25663627181805E-0       330.663879     330.663879 ± 0.2       53.6340179     53.6340179 ± 0.5	6
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0.000575363636     0.000575374172 ± 1.25663627181805E-0       330.663879     330.663879 ± 0.2       53.6340179     53.6340179 ± 0.5       14.0500002     14.0500002 ± 0.04	6
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	0.000575363636     0.000575374172 ± 1.25663627181805E-0       330.663879     330.663879 ± 0.2       53.6340179     53.6340179 ± 0.5       14.0500002     14.0500002 ± 0.04       47.1172676     47.1172676 ± 0.0625	6
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	0.000575363636     0.000575374172 ± 1.25663627181805E-0       330.663879     330.663879 ± 0.2       53.6340179     53.6340179 ± 0.5       14.0500002     14.0500002 ± 0.04       47.1172676     47.1172676 ± 0.0625       18436     18436 ± 2	6
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	0.000575363636     0.000575374172 ± 1.25663627181805E-0       330.663879     330.663879 ± 0.2       53.6340179     53.6340179 ± 0.5       14.0500002     14.0500002 ± 0.04       47.1172676     47.1172676 ± 0.0625       18436     18436 ± 2       56661     56661 ± 2	6
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0.000575363636     0.000575374172 ± 1.25663627181805E-0       330.663879     330.663879 ± 0.2       53.6340179     53.6340179 ± 0.5       14.0500002     14.0500002 ± 0.04       47.1172676     47.1172676 ± 0.0625       18436     18436 ± 2       56661     56661 ± 2       2894938880     2894938880	6
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0.000575363636     0.000575374172 ± 1.25663627181805E-0       330.663879     330.663879 ± 0.2       53.6340179     53.6340179 ± 0.5       14.0500002     14.0500002 ± 0.04       47.1172676     47.1172676 ± 0.0625       18436     18436 ± 2       56661     56661 ± 2       2894938880     2894938880       2894938880     2894938880	6
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0.000575363636     0.000575374172 ± 1.25663627181805E-0       330.663879     330.663879 ± 0.2       53.6340179     53.6340179 ± 0.5       14.0500002     14.0500002 ± 0.04       47.1172676     47.1172676 ± 0.0625       18436     18436 ± 2       56661     56661 ± 2       2894938880     2894938880	6
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000575363636       0.000575374172 ± 1.25663627181805E-0         330.663879       330.663879 ± 0.2         53.6340179       53.6340179 ± 0.5         14.0500002       14.0500002 ± 0.04         47.1172676       47.1172676 ± 0.0625         18436       18436 ± 2         56661       56661 ± 2         2894938880       2894938880         2894938880       2894938880         0.000314116478       0.00031410993 ± 1.25663627181805E-06         6.53266907e-005       6.53429888e-005 ± 1.25663627181805E-06	06
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000575363636     0.000575374172 ± 1.25663627181805E-0       330.663879     330.663879 ± 0.2       53.6340179     53.6340179 ± 0.5       14.0500002     14.0500002 ± 0.04       47.1172676     47.1172676 ± 0.0625       18436     18436 ± 2       56661     56661 ± 2       2894938880     2894938880       2894938880     2894938880       0.000314116478     0.00031410993 ± 1.25663627181805E-06	06
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	0.000575363636     0.000575374172 ± 1.25663627181805E-0       330.663879     330.663879 ± 0.2       53.6340179     53.6340179 ± 0.5       14.0500002     14.0500002 ± 0.04       47.1172676     47.1172676 ± 0.0625       18436     18436 ± 2       56661     56661 ± 2       2894938880     2894938880       2894938880     2894938880       0.000314116478     0.00031410993 ± 1.25663627181805E-06       6.53266907e-005     6.53429888e-005 ± 1.25663627181805E-06	06
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0.000575363636       0.000575374172 ± 1.25663627181805E-0         330.663879       330.663879 ± 0.2         53.6340179       53.6340179 ± 0.5         14.0500002       14.0500002 ± 0.04         47.1172676       47.1172676 ± 0.0625         18436       18436 ± 2         56661       56661 ± 2         2894938880       2894938880         2894938880       2894938880         0.000314116478       0.00031410993 ± 1.25663627181805E-0         6.53266907e-005       6.53429888e-005 ± 1.25663627181805E-0         207.336761       207.336761 ± 0.2	6
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	0.000575363636       0.000575374172 ± 1.25663627181805E-0         330.663879       330.663879 ± 0.2         53.6340179       53.6340179 ± 0.5         14.0500002       14.0500002 ± 0.04         47.1172676       47.1172676 ± 0.0625         18436       18436 ± 2         56661       56661 ± 2         2894938880       2894938880         2894938880       2894938880         0.000314116478       0.00031410993 ± 1.25663627181805E-0         6.53266907e-005       6.53429888e-005 ± 1.25663627181805E-0         207.336761       207.336761 ± 0.2         126.774094       126.774094 ± 0.5	6
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	0.000575363636       0.000575374172 ± 1.25663627181805E-0         330.663879       330.663879 ± 0.2         53.6340179       53.6340179 ± 0.5         14.0500002       14.0500002 ± 0.04         47.1172676       47.1172676 ± 0.0625         18436       18436 ± 2         56661       56661 ± 2         2894938880       2894938880         2894938880       2894938880         0.000314116478       0.00031410993 ± 1.25663627181805E-0         6.53266907e-005       6.53429888e-005 ± 1.25663627181805E-0         207.336761       207.336761 ± 0.2         126.774094       126.774094 ± 0.5         15.5891829       15.5891829 ± 0.04	06
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0.000575363636       0.000575374172 ± 1.25663627181805E-0         330.663879       330.663879 ± 0.2         53.6340179       53.6340179 ± 0.5         14.0500002       14.0500002 ± 0.04         47.1172676       47.1172676 ± 0.0625         18436       18436 ± 2         56661       56661 ± 2         2894938880       2894938880         2894938880       2894938880         0.000314116478       0.00031410993 ± 1.25663627181805E-0         6.53266907e-005       6.53429888e-005 ± 1.25663627181805E-0         207.336761       207.336761 ± 0.2         126.774094       126.774094 ± 0.5         15.5891829       15.5891829 ± 0.04         80.1532669       80.1532669 ± 0.0625	06
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Witvel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0.000575363636       0.000575374172 ± 1.25663627181805E-0         330.663879       330.663879 ± 0.2         53.6340179       53.6340179 ± 0.5         14.0500002       14.0500002 ± 0.04         47.1172676       47.1172676 ± 0.0625         18436       18436 ± 2         56661       56661 ± 2         2894938880       2894938880         2894938880       2894938880         0.000314116478       0.00031410993 ± 1.25663627181805E-0         6.53266907e-005       6.53429888e-005 ± 1.25663627181805E-0         207.336761       207.336761 ± 0.2         126.774094       126.774094 ± 0.5         15.5891829       15.5891829 ± 0.04         80.1532669       80.1532669 ± 0.0625         29601       29601 ± 2	6
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0.000575363636       0.000575374172 ± 1.25663627181805E-0         330.663879       330.663879 ± 0.2         53.6340179       53.6340179 ± 0.5         14.0500002       14.0500002 ± 0.04         47.1172676       47.1172676 ± 0.0625         18436       18436 ± 2         56661       56661 ± 2         2894938880       2894938880         2894938880       2894938880         0.000314116478       0.00031410993 ± 1.25663627181805E-06         6.53266907e-005       6.53429888e-005 ± 1.25663627181805E-06         207.336761       207.336761 ± 0.2         126.774094       126.774094 ± 0.5         15.5891829       15.5891829 ± 0.04         80.1532669       80.1532669 ± 0.0625         29601       29601 ± 2         17463       17463 ± 2	06
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.WtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	0.000575363636       0.000575374172 ± 1.25663627181805E-0         330.663879       330.663879 ± 0.2         53.6340179       53.6340179 ± 0.5         14.0500002       14.0500002 ± 0.04         47.1172676       47.1172676 ± 0.0625         18436       18436 ± 2         56661       56661 ± 2         2894938880       2894938880         2894938880       2894938880         0.000314116478       0.00031410993 ± 1.25663627181805E-06         6.53266907e-005       6.53429888e-005 ± 1.25663627181805E-07.336761         207.336761       207.336761 ± 0.2         126.774094       126.774094 ± 0.5         15.5891829       15.5891829 ± 0.04         80.1532669       80.1532669 ± 0.0625         29601       29601 ± 2         17463       17463 ± 2         2894938880       2894938880	06





Name	Actual Value	Expected Value	Result
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.331200004	0.331200004	~
VehDyn SLPHwPos HwDeg M f32	223.498001	223.498001	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>

Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
k AutoCntrHiSpdCntrWindow HwDeg f32	24.5077915	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0250000004	
< AutoCntrHiSpdFilt2Kn Hz f32	0.00989999995	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	416.42218	
k AutoCntrHiSpdTimer1PinTrg HwNm f32	4	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	168.185226	
k_AutoCntrHiSpdTimer1_mS_u16	30272	
k AutoCntrHiSpdTimer2 mS u16	2904	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	51.7886963	
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	272.816681	
<pre>c_autoCntrHiSpdTimer4PinTrq_HwNm_f32</pre>	13.0401011	
<pre>c_nate-of-thispdTimer4VehSpd_kph_f32</pre>	209.062363	
<_AutoCntrHiSpdTimer4_mS_u16	3628	
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	59.735672	
k_AutoCntrLoSpdCntrWindow_nwDeg_i32	0.063000001	
AutoCntrLoSpdFilt2Kn Hz f32	0.0049999989	
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	499.624054	
<_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	6.55805016	
	125.396591	
<_AutoCntrLoSpdTimer1VehSpd_kph_f32 <_AutoCntrLoSpdTimer1_mS_u16	36412	
<pre>&lt;_AutoCntrLoSpdTimer1_mS_u16</pre>	14998	
k_AutoCntrLoSpdTimer2_mS_u16 k_AutoCntrPinTrgLPFCoeffKn_Hz_f32	0.0250000004	
	0.0250000004	
<_SLPEnableBFCheck_Cnt_lgc		
k_SLPHwAuthority_UIs_f32	0.30000012	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-689.755981	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
	3941357312	1_
Name	Actual Value Expected Value	Resu
Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	Actual Value         Expected Value           272.816681         272.816681 ± 0.2	•
Name /ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	Actual Value         Expected Value           272.816681         272.816681 ± 0.2           209.062363         209.062363 ± 0.5	•
Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	Actual Value         Expected Value           272.816681         272.816681 ± 0.2           209.062363         209.062363 ± 0.5           13.0401011         13.0401011 ± 0.04	•
Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	Actual Value         Expected Value           272.816681         272.816681 ± 0.2           209.062363         209.062363 ± 0.5	•
Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	Actual Value         Expected Value           272.816681         272.816681 ± 0.2           209.062363         209.062363 ± 0.5           13.0401011         13.0401011 ± 0.04           51.7886963         51.7886963 ± 0.0625           30272         30272 ± 2	•
Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	Actual Value         Expected Value           272.816681         272.816681 ± 0.2           209.062363         209.062363 ± 0.5           13.0401011         13.0401011 ± 0.04           51.7886963         51.7886963 ± 0.0625           30272         30272 ± 2           3628         3628 ± 2	•
Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	Actual Value         Expected Value           272.816681         272.816681 ± 0.2           209.062363         209.062363 ± 0.5           13.0401011         13.0401011 ± 0.04           51.7886963         51.7886963 ± 0.0625           30272         30272 ± 2	
Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FittPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	Actual Value         Expected Value           272.816681         272.816681 ± 0.2           209.062363         209.062363 ± 0.5           13.0401011         13.0401011 ± 0.04           51.7886963         51.7886963 ± 0.0625           30272         30272 ± 2           3628         3628 ± 2           3941357312         3941357312           3941357312         3941357312	
Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FitPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	Actual Value         Expected Value           272.816681         272.816681 ± 0.2           209.062363         209.062363 ± 0.5           13.0401011         13.0401011 ± 0.04           51.7886963         51.7886963 ± 0.0625           30272         30272 ± 2           3628         3628 ± 2           3941357312         3941357312	6
Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FittPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	Actual Value         Expected Value           272.816681         272.816681 ± 0.2           209.062363         209.062363 ± 0.5           13.0401011         13.0401011 ± 0.04           51.7886963         51.7886963 ± 0.0625           30272         30272 ± 2           3628         3628 ± 2           3941357312         3941357312           3941357312         3941357312	6
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	Actual Value         Expected Value           272.816681         272.816681 ± 0.2           209.062363         209.062363 ± 0.5           13.0401011         13.0401011 ± 0.04           51.7886963         51.7886963 ± 0.0625           30272         30272 ± 2           3628         3628 ± 2           3941357312         3941357312           3941357312         3941357312           0.000791370869         0.000791368075 ± 1.25663627181805E-0	66
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	Actual Value         Expected Value           272.816681         272.816681 ± 0.2           209.062363         209.062363 ± 0.5           13.0401011         13.0401011 ± 0.04           51.7886963         51.7886963 ± 0.0625           30272         30272 ± 2           3628         3628 ± 2           3941357312         3941357312           3941357312         3941357312           0.000791370869         0.000791368075 ± 1.25663627181805E-0           6.28232956e-005         6.28298803e-005 ± 1.25663627181805E-0	66
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	Actual Value         Expected Value           272.816681         272.816681 ± 0.2           209.062363         209.062363 ± 0.5           13.0401011         13.0401011 ± 0.04           51.7886963         51.7886963 ± 0.0625           30272         30272 ± 2           3628         3628 ± 2           3941357312         3941357312           3941357312         3941357312           0.000791370869         0.000791368075 ± 1.25663627181805E-0           6.28232956e-005         6.28298803e-005 ± 1.25663627181805E-0           416.42218         416.42218 ± 0.2	66
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	Actual Value         Expected Value           272.816681         272.816681 ± 0.2           209.062363         209.062363 ± 0.5           13.0401011         13.0401011 ± 0.04           51.7886963         51.7886963 ± 0.0625           30272         30272 ± 2           3628         3628 ± 2           3941357312         3941357312           3941357312         3941357312           0.000791370869         0.000791368075 ± 1.25663627181805E-0           6.28232956e-005         6.28298803e-005 ± 1.25663627181805E-0           416.42218         416.42218 ± 0.2           168.185226         168.185226 ± 0.5	66
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.NetPosd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	Actual Value         Expected Value           272.816681         272.816681 ± 0.2           209.062363         209.062363 ± 0.5           13.0401011         13.0401011 ± 0.04           51.7886963         51.7886963 ± 0.0625           30272         30272 ± 2           3628         3628 ± 2           3941357312         3941357312           3941357312         3941357312           0.000791370869         0.000791368075 ± 1.25663627181805E-06.28232956e-005           6.28232956e-005         6.28298803e-005 ± 1.25663627181805E-016.42218           416.42218         416.42218 ± 0.2           168.185226         168.185226 ± 0.5           4         4 ± 0.04	66
Name  /ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrHiSpd_M_str.NetVel_MtrRadpS_f32  /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	Actual Value         Expected Value           272.816681         272.816681 ± 0.2           209.062363         209.062363 ± 0.5           13.0401011         13.0401011 ± 0.04           51.7886963         51.7886963 ± 0.0625           30272         30272 ± 2           3628         3628 ± 2           3941357312         3941357312           3941357312         3941357312           0.000791370869         0.000791368075 ± 1.25663627181805E-0.28232956e-005           416.42218         416.42218 ± 0.2           168.185226         168.185226 ± 0.5           4         4 ± 0.04           24.5077915         24.5077915 ± 0.0625	66 66
Name  /ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	Actual Value         Expected Value           272.816681         272.816681 ± 0.2           209.062363         209.062363 ± 0.5           13.0401011         13.0401011 ± 0.04           51.7886963         51.7886963 ± 0.0625           30272         30272 ± 2           3628         3628 ± 2           3941357312         3941357312           3941357312         3941357312           0.000791370869         0.000791368075 ± 1.25663627181805E-6.28232956e-005           46.28232956e-005         6.28298803e-005 ± 1.25663627181805E-416.42218           416.42218         416.42218 ± 0.2           168.185226         168.185226 ± 0.5           4         4 ± 0.04           24.5077915         24.5077915 ± 0.0625           30272         30272 ± 2	66
Name  /ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  /ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrHiSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32  /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	Actual Value         Expected Value           272.816681         272.816681 ± 0.2           209.062363         209.062363 ± 0.5           13.0401011         13.0401011 ± 0.04           51.7886963         51.7886963 ± 0.0625           30272         30272 ± 2           3628         3628 ± 2           3941357312         3941357312           3941357312         3941357312           0.000791370869         0.000791368075 ± 1.25663627181805E-6.28232956e-005           416.42218         416.42218 ± 0.2           168.185226         168.185226 ± 0.5           4         4 ± 0.04           24.5077915         24.5077915 ± 0.0625           30272         30272 ± 2           2904         2904 ± 2	66
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	Actual Value         Expected Value           272.816681         272.816681 ± 0.2           209.062363         209.062363 ± 0.5           13.0401011         13.0401011 ± 0.04           51.7886963         51.7886963 ± 0.0625           30272         30272 ± 2           3628         3628 ± 2           3941357312         3941357312           3941357312         3941357312           0.000791370869         0.000791368075 ± 1.25663627181805E-4           6.28232956e-005         6.28298803e-005 ± 1.25663627181805E-4           416.42218         416.42218 ± 0.2           168.185226         168.185226 ± 0.5           4         4 ± 0.04           24.5077915         24.5077915 ± 0.0625           30272         30272 ± 2           2904         2904 ± 2           3941357312         3941357312	66
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiitPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.NttrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.PiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	Actual Value         Expected Value           272.816681         272.816681 ± 0.2           209.062363         209.062363 ± 0.5           13.0401011         13.0401011 ± 0.04           51.7886963         51.7886963 ± 0.0625           30272         30272 ± 2           3628         3628 ± 2           3941357312         3941357312           3941357312         3941357312           0.000791370869         0.000791368075 ± 1.25663627181805E-0.2           6.28232956e-005         6.28298803e-005 ± 1.25663627181805E-0.2           416.42218         416.42218 ± 0.2           168.185226         168.185226 ± 0.5           4         4 ± 0.04           24.5077915         24.5077915 ± 0.0625           30272         30272 ± 2           2904         2904 ± 2           3941357312         3941357312           3941357312         3941357312	66 066
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.PitlPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilltSV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFillt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFillt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilltSV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilltSV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilltSV_HwDeg_str.K_Uls_f32	Actual Value         Expected Value           272.816681         272.816681 ± 0.2           209.062363         209.062363 ± 0.5           13.0401011         13.0401011 ± 0.04           51.7886963         51.7886963 ± 0.0625           30272         30272 ± 2           3628         3628 ± 2           3941357312         3941357312           3941357312         3941357312           0.000791370869         0.000791368075 ± 1.25663627181805E-0           6.28232956e-005         6.28298803e-005 ± 1.25663627181805E-0           416.42218         416.42218 ± 0.2           168.185226         168.185226 ± 0.5           4         4 ± 0.04           24.5077915         24.5077915 ± 0.0625           30272         30272 ± 2           2904         2904 ± 2           3941357312         3941357312           3941357312         3941357312           0.000314116478         0.00031410993 ± 1.25663627181805E-06	66
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.PittPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1_Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	Actual Value         Expected Value           272.816681         272.816681 ± 0.2           209.062363         209.062363 ± 0.5           13.0401011         13.0401011 ± 0.04           51.7886963         51.7886963 ± 0.0625           30272         30272 ± 2           3628         3628 ± 2           3941357312         3941357312           0.000791370869         0.000791368075 ± 1.25663627181805E-0           6.28232956e-005         6.28298803e-005 ± 1.25663627181805E-0           416.42218         416.42218 ± 0.2           168.185226         168.185226 ± 0.5           4         4 ± 0.04           24.5077915         24.5077915 ± 0.0625           30272         30272 ± 2           2904         2904 ± 2           3941357312         3941357312           3941357312         3941357312           0.000314116478         0.00031410993 ± 1.25663627181805E-0           0.0001243994894         0.000124399332 ± 1.25663627181805E-0           499.624054         499.624054 ± 0.2	66
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.PitlPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	Actual Value         Expected Value           272.816681         272.816681 ± 0.2           209.062363         209.062363 ± 0.5           13.0401011         13.0401011 ± 0.04           51.7886963         51.7886963 ± 0.0625           30272         30272 ± 2           3628         3628 ± 2           3941357312         3941357312           0.000791370869         0.000791368075 ± 1.25663627181805E-0           6.28232956e-005         6.28298803e-005 ± 1.25663627181805E-0           416.42218         416.42218 ± 0.2           168.185226         168.185226 ± 0.5           4         4 ± 0.04           24.5077915         24.5077915 ± 0.0625           30272         30272 ± 2           2904         2904 ± 2           3941357312         3941357312           3941357312         3941357312           3941357312         3941357312           0.000314110478         0.00031410993 ± 1.25663627181805E-06           0.0001243993932 ± 1.25663627181805E-06         499.624054         499.624054 ± 0.2           125.396591         125.396591 ± 0.5	66
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.PittPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.PittPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1_Ms_uls_f32	Actual Value         Expected Value           272.816681         272.816681 ± 0.2           209.062363         209.062363 ± 0.5           13.0401011         13.0401011 ± 0.04           51.7886963         51.7886963 ± 0.0625           30272         30272 ± 2           3628         3628 ± 2           3941357312         3941357312           0.000791370869         0.000791368075 ± 1.25663627181805E-0           6.28232956e-005         6.28298803e-005 ± 1.25663627181805E-0           416.42218         416.42218 ± 0.2           168.185226         168.185226 ± 0.5           4         4 ± 0.04           24.5077915         24.5077915 ± 0.0625           30272         30272 ± 2           2904         2904 ± 2           3941357312         3941357312           3941357312         3941357312           3941357312         3941357312           0.000314110478         0.00031410993 ± 1.25663627181805E-06           0.000124399332 ± 1.25663627181805E-06         499.624054         4.0.2           125.396591         125.396591 ± 0.5         6.55805016 ± 0.04	66
Name  VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.NehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.SitPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	Actual Value         Expected Value           272.816681         272.816681 ± 0.2           209.062363         209.062363 ± 0.5           13.0401011         13.0401011 ± 0.04           51.7886963         51.7886963 ± 0.0625           30272         30272 ± 2           3628         3628 ± 2           3941357312         3941357312           0.000791370869         0.000791368075 ± 1.25663627181805E-0           6.28232956e-005         6.28298803e-005 ± 1.25663627181805E-0           416.42218         416.42218 ± 0.2           168.185226         168.185226 ± 0.5           4         4 ± 0.04           24.5077915         24.5077915 ± 0.0625           30272         30272 ± 2           2904         2904 ± 2           3941357312         3941357312           3941357312         3941357312           3941357312         3941357312           0.000314110478         0.00031410993 ± 1.25663627181805E-06           0.0001243993932 ± 1.25663627181805E-06         499.624054         499.624054 ± 0.2           125.396591         125.396591 ± 0.5	06





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3941357312	3941357312	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3941357312	3941357312	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.300000012	0.300000012	~
VehDyn_SLPHwPos_HwDeg_M_f32	-689.755981	-689.755981	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	-

Name	Input Value	
	•	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	0	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0049999989	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0350000001	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	106.088676	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	17.3796749	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	82.7024841	
k_AutoCntrHiSpdTimer1_mS_u16	53106	
k_AutoCntrHiSpdTimer2_mS_u16	57772	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	0.382190108	
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	40.3323212	
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	19.9312096	
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	251.952911	
k_AutoCntrHiSpdTimer4_mS_u16	14715	
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	86.5985413	
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0320999995	
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0049999989	
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	267.78949	
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	17.6586285	
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	105.719757	
k_AutoCntrLoSpdTimer1_mS_u16	27170	
k_AutoCntrLoSpdTimer2_mS_u16	21888	
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989	
k_SLPEnableBFCheck_Cnt_lgc	1	
k_SLPHwAuthority_Uls_f32	0.337799996	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	199.464996	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0	
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
tgt_GetSystemTime_mS_u32_CurrentTime	2059598336	
Name	Actual Value Expected Value	Resi
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	40.3323212	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	251.952911 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	19.9312096 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	0.382190108	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53106 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	14715 14715 ± 2	
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2059598336 2059598336	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2059598336 2059598336	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027	3
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-0	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	106.088676 106.088676 ± 0.2	-
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	82.7024841 82.7024841 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	17.3796749 17.3796749 ± 0.04	
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	0 0 ± 0.0625	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53106 53106 ± 2	
VehDyn_AutoCntrHiSpd_M_str.TimerThresh_mS_u16	57772 57772 ± 2	
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VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2059598336 2059598336	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2059598336 2059598336	6
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-0	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000439703465	
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	267.78949 267.78949 ± 0.2	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	105.719757 105.719757 ± 0.5	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	17.6586285	17.6586285 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.5985413	86.5985413 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	27170	27170 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	21888	21888 ± 2	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2059598336	2059598336	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2059598336	2059598336	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403299142 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.66 (Repeat Count = 1) Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	100	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00899999961	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0560000017	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	246.491226	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	15.1210756	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	14.3564606	
k_AutoCntrHiSpdTimer1_mS_u16	40735	
k_AutoCntrHiSpdTimer2_mS_u16	58883	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	65.5642929	
<_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	172.499313	
<_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	5.32853031	
x_AutoCntrHiSpdTimer4VehSpd_kph_f32	198.042679	
k_AutoCntrHiSpdTimer4_mS_u16	37715	
<_AutoCntrLoSpdCntrWindow_HwDeg_f32	9.40841103	
<_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0850000009	
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00899999961	
<_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	210.980316	
<_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	5.85037804	
<_AutoCntrLoSpdTimer1VehSpd_kph_f32	177.992142	
<_AutoCntrLoSpdTimer1_mS_u16	35868	
<_AutoCntrLoSpdTimer2_mS_u16	19303	
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00899999961	
k SLPEnableBFCheck Cnt Igc	0	
k SLPHwAuthority Uls f32	0.344399989	
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	175.432007	
arget Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1	
rarget_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1	
arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
gt_GetSystemTime_mS_u32_CurrentTime	800969984	
		Book
Name	Actual Value Expected Value	Resi
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	172.499313	
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	198.042679	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	5.32853031	
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	65.5642929 ± 0.0625	
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	40735 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	37715 37715 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	800969984 800969984	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	800969984 800969984	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00106757879 0.00106757123 ± 1.25663627181805E-06	
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011 0.000113090937 ± 1.25663627181805E-06	
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	246.491226 ± 0.2	
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	14.3564606 ± 0.5	
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	15.1210756 15.1210756 ± 0.04	
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	100 ± 0.0625	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	40735 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58883 ± 2	
	200000004	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	800969984 800969984	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000703454018	0.00070346921 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	210.980316	210.980316 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	177.992142	177.992142 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	5.85037804	5.85037804 ± 0.04	•
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	9.40841103	9.40841103 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	35868	35868 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	19303	19303 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	800969984	800969984	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	800969984	800969984	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00106757879	0.00106757123 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0.344399989	0.344399989	•
VehDyn_SLPHwPos_HwDeg_M_f32	175.432007	175.432007	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•

Test Step 2.67 (Repeat Count = 1)		
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	2.04999995	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0250000004	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0670000017	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	680.440247	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.89876556	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	18.8164063	
k_AutoCntrHiSpdTimer1_mS_u16	39187	
k_AutoCntrHiSpdTimer2_mS_u16	59994	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	89.7410736	
k AutoCntrHiSpdTimer4MtrVel MtrRadpS f32	138.948975	
k AutoCntrHiSpdTimer4PinTrg HwNm f32	18.4402218	
k AutoCntrHiSpdTimer4VehSpd kph f32	145.445251	
k AutoCntrHiSpdTimer4 mS u16	35319	
k AutoCntrLoSpdCntrWindow HwDeg f32	54.7292175	
k AutoCntrLoSpdFilt1Kn Hz f32	0.00899999961	
<ul> <li>AutoCntrLoSpdFilt2Kn Hz f32</li> </ul>	0.0250000004	
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	664.948303	
k AutoCntrLoSpdTimer1PinTrg HwNm f32	14.762373	
k AutoCntrLoSpdTimer1VehSpd kph f32	45.8468628	
k AutoCntrLoSpdTimer1 mS u16	1815	
k AutoCntrLoSpdTimer2 mS u16	21239	
k AutoCntrPinTrgLPFCoeffKn Hz f32	0.0250000004	
<pre></pre> <pre>K_SLPEnableBFCheck_Cnt_lgc</pre>	1	
SLPHwAuthority Uls f32	0.351000011	
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	151.399002	
arget Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	0	
arget_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0	
target Rte Inst Ap VehDyn 2.Pim MotPosReset	target Pim MotPosReset	
tgt_GetSystemTime_mS_u32_CurrentTime	569984000	
Name	Actual Value Expected Value	Resu
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	138.948975 138.948975 ± 0.2	
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	145.445251 145.445251 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.4402218 18.4402218 ± 0.04	
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	89.7410736 89.7410736 ± 0.0625	
/ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	39187 39187 ± 2	
/ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	35319 35319 ± 2	
/ehDyn AutoCntrDetSpd M str.Timer1 mS u32	569984000 569984000	
/ehDyn AutoCntrDetSpd M str.Timer2 mS u32	569984000 569984000	
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011 0.000113090937 ± 1.25663627181805	E-06
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	680.440247 680.440247 ± 0.2	
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	18.8164063 18.8164063 ± 0.5	
VehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	8.89876556 8.89876556 ± 0.04	
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	2.04999995 2.04999995 ± 0.0625	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	39187	39187 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	59994	59994 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	569984000	569984000	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	569984000	569984000	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000841617584	0.000841592497 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	664.948303	664.948303 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	45.8468628	45.8468628 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.762373	14.762373 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	54.7292175	54.7292175 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	1815	1815 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	21239	21239 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	569984000	569984000	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	569984000	569984000	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~	
GetSystemTime mS u32	1	GetSystemTime mS u32	1	<b>✓</b>	

Test Step 2.68 (Repeat Count = 1)			
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
<_AutoCntrHiSpdCntrWindow_HwDeg_f32	5		
x_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00779999979		
<_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00899999961		
x_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	138.568741		
c_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	6.97866201		
x_AutoCntrHiSpdTimer1VehSpd_kph_f32	72.755127		
:_AutoCntrHiSpdTimer1_mS_u16	7415		
AutoCntrHiSpdTimer2 mS u16	6666		
<ul> <li>AutoCntrHiSpdTimer4CntrWindow HwDeg f32</li> </ul>	59.698616		
	50.0811806		
	17.8322964		
<ul> <li>AutoCntrHiSpdTimer4VehSpd kph f32</li> </ul>	117.223816		
AutoCntrHiSpdTimer4 mS u16	16156		
AutoCntrLoSpdCntrWindow HwDeg f32	81.3328171		
AutoCntrLoSpdFilt1Kn Hz f32	0.00899999961		
AutoCntrLoSpdFilt2Kn Hz f32	0.0250000004		
AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	543		
AutoCntrLoSpdTimer1PinTrg HwNm f32	6.82931423		
AutoCntrLoSpdTimer1VehSpd kph f32	199.050003		
AutoCntrLoSpdTimer1 mS u16	33198		
AutoCntrLoSpdTimer2 mS u16	7778		
AutoCntrPinTrgLPFCoeffKn Hz f32	0.00779999979		
SLPEnableBFCheck Cnt Igc	1		
SLPHwAuthority Uls f32	0.0342000015		
arget Pim MotPosReset.NVMStoredLastPos HwDeg f32	1304.98303		
arget Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	0		
arget Rte Call Ap VehDyn NxtrDiagMgr GetNTCActive NTCActive Ptr T lgc	0		
arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target Pim MotPosReset		
gt GetSystemTime mS u32 CurrentTime	3437401088		
Name	Actual Value Expecte	od Value	Resu
/ehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	50.0811806 50.08118		11001
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	117.223816 117.2238		
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	17.8322964 17.83229		
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow HwDeg f32		6 ± 0.0625	
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7415 7415 ± 2		
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	16156 16156 ± 2		
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3437401088 34374010		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3437401088 34374010		
VehDyn_AutoChtrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32		090937 ± 1.25663627181805E-06	
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg_str.K_Uls_f32		10993 ± 1.25663627181805E-06	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	138.568741	138.568741 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	72.755127	72.755127 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6.97866201	6.97866201 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	5	5 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	7415	7415 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	6666	6666 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3437401088	3437401088	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3437401088	3437401088	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.80128898e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	543	543 ± 0.2	•
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	199.050003	199.050003 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.82931423	6.82931423 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	81.3328171	81.3328171 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	33198	33198 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	7778	7778 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3437401088	3437401088	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3437401088	3437401088	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	9.7990036e-005	9.80128898e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	<b>~</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>

Name	Input Value			
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 CurrentTime	tgt GetSystemTime mS u32 CurrentTime		
Rte Call Ap VehDyn NxtrDiagMgr GetNTCActive(NTCActive Ptr T lgc)	target Rte Call Ap VehDyn NxtrDiagMgr GetNTCActive NTCActive Ptr T lgc			
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn 2			
k AutoCntrHiSpdCntrWindow HwDeg f32	37.5070457			
k AutoCntrHiSpdFilt1Kn Hz f32	0.00499999989			
k AutoCntrHiSpdFilt2Kn Hz f32	0.00620000018			
k AutoCntrHiSpdTimer1MtrVel MtrRadpS f32	449.560669			
k AutoCntrHiSpdTimer1PinTrg HwNm f32	7.49751949			
k AutoCntrHiSpdTimer1VehSpd kph f32	15.1709442			
k_AutoCntrHiSpdTimer1_mS_u16	51065			
k_AutoCntrHiSpdTimer2_mS_u16	0			
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	33.4789696			
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	684.185608			
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	12.1316996			
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	98.2219086			
k_AutoCntrHiSpdTimer4_mS_u16	3948			
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	41.9530144			
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00499999989			
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0350000001			
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	686.860413			
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	8.50215721			
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	108.267075			
k_AutoCntrLoSpdTimer1_mS_u16	19095			
k_AutoCntrLoSpdTimer2_mS_u16	14137			
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989			
k_SLPEnableBFCheck_Cnt_lgc	0			
k_SLPHwAuthority_Uls_f32	0.357600003			
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	127.365997			
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1			
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1			
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset			
tgt_GetSystemTime_mS_u32_CurrentTime	3351443200			
Name	Actual Value	Expected Value	Resu	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	684.185608	684.185608 ± 0.2		
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	98.2219086	98.2219086 ± 0.5		
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.1316996	12.1316996 ± 0.04		
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	33.4789696	33.4789696 ± 0.0625		
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	51065	51065 ± 2		
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	3948	3948 ± 2		





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3351443200	3351443200	-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3351443200	3351443200	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439726253 ± 1.25663627181805E-06	-
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	449.560669	449.560669 ± 0.2	-
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	15.1709442	15.1709442 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7.49751949	7.49751949 ± 0.04	-
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	37.5070457	37.5070457 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	51065	51065 ± 2	-
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	0	0 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3351443200	3351443200	-
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3351443200	3351443200	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.79032707e-005	7.79084658e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	686.860413	686.860413 ± 0.2	-
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	108.267075	108.267075 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.50215721	8.50215721 ± 0.04	•
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.9530144	41.9530144 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	19095	19095 ± 2	-
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14137	14137 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3351443200	3351443200	-
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3351443200	3351443200	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439726253 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0.357600003	0.357600003	•
VehDyn_SLPHwPos_HwDeg_M_f32	127.365997	127.365997	-

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>

Test Step 2.70 (Repeat Count = 1)			
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_	GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	49.7710762		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00899999961		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00650000013		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	338.984467		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	18.0932884		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	236.904205		
k_AutoCntrHiSpdTimer1_mS_u16	19981		
k_AutoCntrHiSpdTimer2_mS_u16	60000		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	46.1480331		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	124.406281		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	4.16511393		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	70.9388123		
k_AutoCntrHiSpdTimer4_mS_u16	29986		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	7.41047621		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00899999961		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0560000017		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	281.363403		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	17.0429993		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	139.053314		
k_AutoCntrLoSpdTimer1_mS_u16	8138		
k_AutoCntrLoSpdTimer2_mS_u16	35571		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00899999961		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.364199996		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	103.333		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	1358028288		
Name	Actual Value	Expected Value	Res
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	124.406281	124.406281 ± 0.2	
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	70.9388123	70.9388123 ± 0.5	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.16511393	4.16511393 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	46.1480331	46.1480331 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	19981	19981 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	29986	29986 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1358028288	1358028288	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1358028288	1358028288	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000703454018	0.00070346921 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	338.984467	338.984467 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	236.904205	236.904205 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.0932884	18.0932884 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	49.7710762	49.7710762 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	19981	19981 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	60000	60000 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1358028288	1358028288	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1358028288	1358028288	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	8.16583633e-005	8.16780739e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	281.363403	281.363403 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	139.053314	139.053314 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	17.0429993	17.0429993 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	7.41047621	7.41047621 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	8138	8138 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	35571	35571 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1358028288	1358028288	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1358028288	1358028288	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000703454018	0.00070346921 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.71 (Repeat Count = 1)	
	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	$target\_Rte\_Call\_Ap\_VehDyn\_NxtrDiagMgr\_GetNTCActive\_NTCActive\_Ptr\_T\_lgc$
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
<_AutoCntrHiSpdCntrWindow_HwDeg_f32	58.6891289
<_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0250000004
<_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0250000004
<_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	57.2952843
<_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	2.56739569
<_AutoCntrHiSpdTimer1VehSpd_kph_f32	11.313797
<_AutoCntrHiSpdTimer1_mS_u16	20825
<_AutoCntrHiSpdTimer2_mS_u16	2000
<_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	91.4300919
C_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	459.889984
_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	18.1788235
<_AutoCntrHiSpdTimer4VehSpd_kph_f32	195.647476
_AutoCntrHiSpdTimer4_mS_u16	47347
_AutoCntrLoSpdCntrWindow_HwDeg_f32	45.5890503
<_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0250000004
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0670000017
<_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	195.074249
<_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	15.5773945
<_AutoCntrLoSpdTimer1VehSpd_kph_f32	208.55397
<_AutoCntrLoSpdTimer1_mS_u16	19617
<_AutoCntrLoSpdTimer2_mS_u16	42138
x_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0250000004
<pre>c_SLPEnableBFCheck_Cnt_lgc</pre>	0
s_SLPHwAuthority_Uls_f32	0.370799989
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	79.3000031
arget_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1
arget_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0
arget Rte Inst Ap VehDyn 2.Pim MotPosReset	target Pim MotPosReset





Name	Input Value		
tgt_GetSystemTime_mS_u32_CurrentTime	1975593216		
Name	Actual Value	Expected Value	Resul
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	459.889984	459.889984 ± 0.2	•
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	195.647476	195.647476 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.1788235	18.1788235 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	91.4300919	91.4300919 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20825	20825 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	47347	47347 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1975593216	1975593216	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1975593216	1975593216	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000841617584	0.000841592497 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	57.2952843	57.2952843 ± 0.2	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	11.313797	11.313797 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.56739569	2.56739569 ± 0.04	•
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	58.6891289	58.6891289 ± 0.0625	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20825	20825 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	2000	2000 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1975593216	1975593216	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1975593216	1975593216	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	195.074249	195.074249 ± 0.2	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	208.55397	208.55397 ± 0.5	
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	15.5773945	15.5773945 ± 0.04	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	45.5890503	45.5890503 ± 0.0625	
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	19617	19617 ± 2	
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	42138	42138 ± 2	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1975593216	1975593216	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1975593216	1975593216	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000841617584	0.000841592497 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0.370799989	0.370799989	
VehDyn SLPHwPos HwDeg M f32	79.3000031	79.3000031	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>

Test Step 2.72 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	39.9920425
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.000199999995
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0350000001
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	595.803711
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	20
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	249.256897
k_AutoCntrHiSpdTimer1_mS_u16	51762
k_AutoCntrHiSpdTimer2_mS_u16	1234
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	52.9036674
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	637.189331
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	4.48333788
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	60.9433594
k_AutoCntrHiSpdTimer4_mS_u16	35091
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	70.5879364
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.063000001
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00600000005
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	112.469505
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	9.19094181
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	138.473877
k_AutoCntrLoSpdTimer1_mS_u16	45601
k_AutoCntrLoSpdTimer2_mS_u16	16090
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0250000004
k_SLPEnableBFCheck_Cnt_lgc	1
k_SLPHwAuthority_Uls_f32	0.377400011





Name	Input Value		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	55.2669983		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgr	1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	910116864		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	637.189331	637.189331 ± 0.2	-
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	60.9433594	60.9433594 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.48333788	4.48333788 ± 0.04	-
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.9036674	52.9036674 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	51762	51762 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	35091	35091 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	910116864	910116864	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	910116864	910116864	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53953791e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	595.803711	595.803711 ± 0.2	-
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	249.256897	249.256897 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	-
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	39.9920425	39.9920425 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	51762	51762 ± 2	-
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	1234	1234 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	910116864	910116864	-
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	910116864	910116864	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.50339508e-006	2.51327106e-006 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439726253 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	112.469505	112.469505 ± 0.2	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	138.473877	138.473877 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	9.19094181	9.19094181 ± 0.04	-
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	70.5879364	70.5879364 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	45601	45601 ± 2	-
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	16090	16090 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	910116864	910116864	-
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	910116864	910116864	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53953791e-005 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0	0	•
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime mS u32	1	GetSystemTime mS u32	1	<b>✓</b>

Test Step 2.73 (Repeat Count = 1)	
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	40.3496017
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.100000001
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0560000017
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	31.3933392
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	16.8332462
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	3.91197205
k_AutoCntrHiSpdTimer1_mS_u16	49799
k_AutoCntrHiSpdTimer2_mS_u16	1568
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	46.9611549
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	190.477554
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	6.47036648
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	178.790085
k_AutoCntrHiSpdTimer4_mS_u16	53632
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	50.4249611
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.061999999
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00779999979
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	114.137932
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	1.6375922
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	109.448532
k_AutoCntrLoSpdTimer1_mS_u16	37638





Name	Input Value		
k_AutoCntrLoSpdTimer2_mS_u16	34521		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.384000003		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	31.2339993		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lg	c 1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	402713344		
Name	Actual Value	Expected Value	Result
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	190.477554	190.477554 ± 0.2	•
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	178.790085	178.790085 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.47036648	6.47036648 ± 0.04	
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	46.9611549	46.9611549 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	49799	49799 ± 2	٠,
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	53632	53632 ± 2	
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	402713344	402713344	٠,
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	402713344	402713344	
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000778794289	0.000778811518 ± 1.25663627181805E-06	٠,
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.80128898e-005 ± 1.25663627181805E-06	
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	31.3933392	31.3933392 ± 0.2	
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	3.91197205	3.91197205 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.8332462	16.8332462 ± 0.04	•
VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	40.3496017	40.3496017 ± 0.0625	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	49799	49799 ± 2	٠,
VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	1568	1568 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	402713344	402713344	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	402713344	402713344	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.00125586987	0.00125584786 ± 1.25663627181805E-06	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000703454018	0.00070346921 ± 1.25663627181805E-06	
VehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	114.137932	114.137932 ± 0.2	
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	109.448532	109.448532 ± 0.5	
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1.6375922	1.63759208 ± 0.04	
VehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	50.4249611	50.4249611 ± 0.0625	
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	37638	37638 ± 2	
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	34521	34521 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	402713344	402713344	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	402713344	402713344	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000778794289	0.000778811518 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.80128898e-005 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0.384000003	0.384000003	
VehDyn_SLPHwPos_HwDeg_M_f32	31.2339993	31.2339993	٠,

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime mS u32	1	GetSystemTime mS u32	1	V

Test Step 2.74 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	99.1655273
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0250000004
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0350000001
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	279.967194
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	13.9828386
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	86.4936218
k_AutoCntrHiSpdTimer1_mS_u16	49400
k_AutoCntrHiSpdTimer2_mS_u16	1902
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	19.041563
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	179.741653
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	0.99505949
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	156.046783
k_AutoCntrHiSpdTimer4_mS_u16	48941
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	41.1003494
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00499999989
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00899999961





Name	Input Value		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	453.257568		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	8.62326527		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	130.321442		
k_AutoCntrLoSpdTimer1_mS_u16	57817		
k_AutoCntrLoSpdTimer2_mS_u16	34611		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00899999961		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.390599996		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	7.20100021		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	4178051584		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	179.741653	179.741653 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156.046783	156.046783 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0.99505949	0.99505949 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	19.041563	19.041563 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	49400	49400 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	48941	48941 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4178051584	4178051584	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4178051584	4178051584	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	279.967194	279.967194 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	86.4936218	86.4936218 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	13.9828386	13.9828386 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	99.1655273	99.1655273 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	49400	49400 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	1902	1902 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4178051584	4178051584	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4178051584	4178051584	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439726253 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	453.257568	453.257568 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	130.321442	130.321442 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.62326527	8.62326527 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.1003494	41.1003494 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	57817	57817 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	34611	34611 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4178051584	4178051584	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4178051584	4178051584	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>

Test Step 2.75 (Repeat Count = 1)	I
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	64.989418
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00499999989
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.000199999995
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	144.154984
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	11.458559
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	55.1080475
k_AutoCntrHiSpdTimer1_mS_u16	50710
k_AutoCntrHiSpdTimer2_mS_u16	2236
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	56.9792366
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	540.500305
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	9.40114307
k AutoCntrHiSpdTimer4VehSpd kph f32	47.8860626





Name	Input Value		
k_AutoCntrHiSpdTimer4_mS_u16	41475		
k AutoCntrLoSpdCntrWindow HwDeg f32	95.4522934		
k AutoCntrLoSpdFilt1Kn Hz f32	0.00899999961		
k AutoCntrLoSpdFilt2Kn Hz f32	0.0344000012		
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	287.461334		
k AutoCntrLoSpdTimer1PinTrg HwNm f32	7.12687922		
k AutoCntrLoSpdTimer1VehSpd kph f32	58.312088		
k AutoCntrLoSpdTimer1 mS u16	49661		
k AutoCntrLoSpdTimer2 mS u16	59445		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989		
k SLPEnableBFCheck Cnt Igc	0		
k SLPHwAuthority Uls f32	0.397199988		
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	-16.8320007		
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1		
target Rte Inst Ap VehDyn 2.Pim MotPosReset	target Pim MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	4077829376		
Name	Actual Value	Expected Value	Result
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	540.500305	540.500305 ± 0.2	result
VehDyn_AutoChtrDetSpd_M_str.VehSpd_kph_f32	47.8860626	47.8860626 ± 0.5	
	9.40114307	9.40114307 ± 0.04	j
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32		9.40114307 ± 0.04 56.9792366 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	56.9792366		
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	50710	50710 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	41475	41475 ± 2	Ĭ
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4077829376	4077829376	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4077829376	4077829376	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000432193279	0.000432189729 ± 1.25663627181805E-06	Ĭ
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	144.154984	144.154984 ± 0.2	•
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	55.1080475	55.1080475 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	11.458559	11.458559 ± 0.04	•
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	64.989418	64.989418 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	50710	50710 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	2236	2236 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4077829376	4077829376	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4077829376	4077829376	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.50339508e-006	2.51327106e-006 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	287.461334	287.461334 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	58.312088	58.312088 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.12687922	7.12687922 ± 0.04	•
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	95.4522934	95.4522934 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	49661	49661 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	59445	59445 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4077829376	4077829376	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4077829376	4077829376	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000432193279	0.000432189729 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0.397199988	0.397199988	•
VehDyn_SLPHwPos_HwDeg_M_f32	-16.8320007	-16.8320007	-

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime mS u32	1	GetSystemTime mS u32	1	<b>✓</b>

Test Step 2.76 (Repeat Count = 1)		
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	87.8902435	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00899999961	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.100000001	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	80.0510254	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.94539928	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	124.186646	
k_AutoCntrHiSpdTimer1_mS_u16	42690	
k_AutoCntrHiSpdTimer2_mS_u16	2570	





Name	Input Value		
	23.81703		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32			
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	531.758972 6.92990065		
k_AutoCntrHiSpdTimer4VohSpd_kph_f32	245.5401		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	34733		
k_AutoCntrHiSpdTimer4_mS_u16			
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	99.4496155		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0250000004		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0458000004		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32 k_AutoCntrLoSpdTimer1PinTrg_HwNm_f32	289.349548 14.9216394		
	158.512024		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	33241		
k_AutoCntrLoSpdTimer1_mS_u16	55884		
k_AutoCntrLoSpdTimer2_mS_u16 k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00899999961		
	1		
k_SLPEnableBFCheck_Cnt_lgc			
k_SLPHwAuthority_UIs_f32	0.403800011 -40.8650017		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	0		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc			
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset tgt_GetSystemTime_mS_u32_CurrentTime	target_Pim_MotPosReset 2644937728		
		le	l
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	531.758972	531.758972 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	245.5401	245.5401 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.92990065	6.92990065 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	23.81703	23.81703 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	42690	42690 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	34733	34733 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2644937728	2644937728	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2644937728	2644937728	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575374172 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	80.0510254	80.0510254 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	124.186646	124.186646 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.94539928	8.94539928 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	87.8902435	87.8902435 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	42690	42690 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	2570	2570 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2644937728	2644937728	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2644937728	2644937728	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584786 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	289.349548	289.349548 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	158.512024	158.512024 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.9216394	14.9216394 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	99.4496155	99.4496155 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	33241	33241 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	55884	55884 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2644937728	2644937728	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2644937728	2644937728	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575374172 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.77 (Repeat Count = 1)	
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	24.5077915
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00499999989
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.000300000014
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	416.42218





Name	Input Value		
k AutoCntrHiSpdTimer1PinTrg HwNm f32	8.68037319		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	168.185226		
k AutoCntrHiSpdTimer1 mS u16	30272		
k AutoCntrHiSpdTimer2 mS u16	2904		
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	51.7886963		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	272.816681		
k AutoCntrHiSpdTimer4PinTrg HwNm f32	13.0401011		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	209.062363		
k_AutoCntrHiSpdTimer4_mS_u16	3628		
k AutoCntrLoSpdCntrWindow HwDeg f32	59.735672		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.063000001		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00499999989		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	499.624054		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	6.55805016		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	125.396591		
k_AutoCntrLoSpdTimer1_mS_u16	36412		
k_AutoCntrLoSpdTimer2_mS_u16	14998		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.410400003		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-64.8980026		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	2212175616		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	272.816681	272.816681 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	209.062363	209.062363 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	13.0401011	13.0401011 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	51.7886963	51.7886963 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	30272	30272 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3628	3628 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2212175616	2212175616	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2212175616	2212175616	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	416.42218	416.42218 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	168.185226	168.185226 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.68037319	8.68037319 ± 0.04	
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	24.5077915	24.5077915 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	30272	30272 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	2904	2904 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2212175616	2212175616	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2212175616	2212175616	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	3.75509262e-006	3.76990397e-006 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	499.624054	499.624054 ± 0.2	-
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	125.396591	125.396591 ± 0.5	<b>V</b>
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.55805016	6.55805016 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	59.735672	59.735672 ± 0.0625	
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36412 14998	36412 ± 2 14998 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mls_u32	2212175616	2212175616	2
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2212175616	2212175616	~
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn PinTrqSV M str.K Uls f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	
VehDyn SLPHwAuth Uls M f32	0.410400003	0.410400003	-
VehDyn_SLPHwPos_HwDog_M_f32	-64.8980026	-64.8980026	
10.15 J.102.1111 00_1111009_111_102	35566526	J5550025	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•

Test Step 2.78 (Repeat Count = 1)		<b>~</b>
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	





Name	Input Value		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	91.3826141		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00520000001		
k AutoCntrHiSpdFilt2Kn Hz f32	0.00499999989		
	683.818359		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32 k AutoCntrHiSpdTimer1PinTrq HwNm f32	0.0764636993		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	34.4863586		
k_AutoCntrHiSpdTimer1_mS_u16	23210		
k_AutoCntrHiSpdTimer2_mS_u16	3238		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	75.1060562		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	108.829964		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	7.80758381		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	169.04245		
k_AutoCntrHiSpdTimer4_mS_u16	7187		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	53.7309608		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0320999995		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00899999961		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	228.670547		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	16.7742443		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	174.289764		
k_AutoCntrLoSpdTimer1_mS_u16	11413		
k_AutoCntrLoSpdTimer2_mS_u16	48604		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.000199999995		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.416999996		
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	-88.9309998		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	2059598336		
Name	Actual Value	Expected Value	Result
		108.829964 ± 0.2	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	108.829964		-
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	169.04245	169.04245 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	7.80758381	7.80758381 ± 0.04	-
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.1060562	75.1060562 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	23210	23210 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	7187	7187 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2059598336	2059598336	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2059598336	2059598336	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403299142 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	683.818359	683.818359 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	34.4863586	34.4863586 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0.0764636993	0.0764636993 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	91.3826141	91.3826141 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	23210	23210 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3238	3238 ± 2	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2059598336	2059598336	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2059598336	2059598336	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53429888e-005 ± 1.25663627181805E-06	~
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	<b>✓</b>
VehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	228.670547	228.670547 ± 0.2	_
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	174.289764	174.289764 ± 0.5	_
VehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	16.7742443	16.7742443 ± 0.04	_
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32		53.7309608 ± 0.0625	<b>V</b>
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	53 7309608		
- 5 5 natoonaleoopa_in_oa. millor i millosi_mo_uio	53.7309608		
VehDyn AutoCatrl oSad M str Timer2Throch ms 446	11413	11413 ± 2	-
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	11413 48604	11413 ± 2 48604 ± 2	<b>V</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	11413 48604 2059598336	11413 ± 2 48604 ± 2 2059598336	<b>*</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	11413 48604 2059598336 2059598336	11413 ± 2 48604 ± 2 2059598336 2059598336	\rightarrow \frac{1}{\rightarrow}
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	11413 48604 2059598336 2059598336 0.000403285027	11413 ± 2 48604 ± 2 2059598336 2059598336 0.000403299142 ± 1.25663627181805E-06	*
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	11413 48604 2059598336 2059598336 0.000403285027 0.000113070011	11413 ± 2 48604 ± 2 2059598336 2059598336 0.000403299142 ± 1.25663627181805E-06 0.000113090937 ± 1.25663627181805E-06	***
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_PinTrqSV_M_str.K_Uls_f32	11413 48604 2059598336 2059598336 0.000403285027 0.000113070011 2.50339508e-006	11413 ± 2 48604 ± 2 2059598336 2059598336 0.000403299142 ± 1.25663627181805E-06 0.000113090937 ± 1.25663627181805E-06 2.51327106e-006 ± 1.25663627181805E-06	· · · · · · · · · · · · · · · · · · ·
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	11413 48604 2059598336 2059598336 0.000403285027 0.000113070011	11413 ± 2 48604 ± 2 2059598336 2059598336 0.000403299142 ± 1.25663627181805E-06 0.000113090937 ± 1.25663627181805E-06	***

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~





Test Step 2.79 (Repeat Count = 1)		~
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	77.5132141	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0350000001	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00899999961	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	39.0381813	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	5.52265358	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	232.692337	
k_AutoCntrHiSpdTimer1_mS_u16	38590	
k_AutoCntrHiSpdTimer2_mS_u16	3572	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	5.39439726	
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	400.168243	
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	19.648386	
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	17.4615631	
k_AutoCntrHiSpdTimer4_mS_u16	37023	
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	62.1222305	
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0850000009	
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0250000004	
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	443.858398	
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	3.18688083	
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	226.96962	
k_AutoCntrLoSpdTimer1_mS_u16	54120	
k AutoCntrLoSpdTimer2 mS u16	46193	
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.100000001	
k SLPEnableBFCheck Cnt lgc	0	
k_SLPHwAuthority_Uls_f32	0.423599988	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-112.963997	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_Igc	1	
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
tgt_GetSystemTime_mS_u32_CurrentTime	800969984	
Name		Booule
	Actual Value Expected Value 400.168243 400.168243 ± 0.2	Resul
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32		
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	17.4615631 17.4615631 ± 0.5 19.648386 19.648386 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	19.046360 19.046360 ± 0.04 5.39439726 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32		
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	38590 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	38590 38590 ± 2 37023 37023 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	38590     38590 ± 2       37023     37023 ± 2       800969984     800969984	•
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	38590     38590 ± 2       37023     37023 ± 2       800969984     800969984       800969984     800969984	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	38590     38590 ± 2       37023     37023 ± 2       800969984     800969984       800969984     800969984       0.00106757879     0.00106757123 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	38590     38590 ± 2       37023     37023 ± 2       800969984     800969984       800969984     800969984       0.00106757879     0.00106757123 ± 1.25663627181805E-06       0.000314116478     0.00031410993 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	38590     38590 ± 2       37023     37023 ± 2       800969984     800969984       800969984     800969984       0.00106757879     0.00106757123 ± 1.25663627181805E-06       0.000314116478     0.00031410993 ± 1.25663627181805E-06       39.0381813     39.0381813 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	38590     38590 ± 2       37023     37023 ± 2       800969984     800969984       800969984     800969984       0.00106757879     0.00106757123 ± 1.25663627181805E-06       0.000314116478     0.00031410993 ± 1.25663627181805E-06       39.0381813     39.0381813 ± 0.2       232.692337     232.692337 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	38590     38590 ± 2       37023     37023 ± 2       800969984     800969984       800969984     800969984       0.00106757879     0.00106757123 ± 1.25663627181805E-06       0.000314116478     0.00031410993 ± 1.25663627181805E-06       39.0381813     39.0381813 ± 0.2       232.692337     232.692337 ± 0.5       5.52265358     5.52265358 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	38590       38590 ± 2         37023       37023 ± 2         800969984       800969984         800969984       800969984         0.00106757879       0.00106757123 ± 1.25663627181805E-06         0.000314116478       0.00031410993 ± 1.25663627181805E-06         39.0381813       39.0381813 ± 0.2         232.692337       232.692337 ± 0.5         5.52265358       5.52265358 ± 0.04         77.5132141       77.5132141 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38590     38590 ± 2       37023     37023 ± 2       800969984     800969984       800969984     800969984       0.00106757879     0.00106757123 ± 1.25663627181805E-06       0.000314116478     0.00031410993 ± 1.25663627181805E-06       39.0381813     39.0381813 ± 0.2       232.692337     232.692337 ± 0.5       5.52265358     5.52265358 ± 0.04       77.5132141     77.5132141 ± 0.0625       38590     38590 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	38590     38590 ± 2       37023     37023 ± 2       800969984     800969984       800969984     800969984       0.00106757879     0.00106757123 ± 1.25663627181805E-06       0.000314116478     0.00031410993 ± 1.25663627181805E-06       39.0381813     39.0381813 ± 0.2       232.692337     232.692337 ± 0.5       5.52265358     5.52265358 ± 0.04       77.5132141     77.5132141 ± 0.0625       38590     38590 ± 2       3572     3572 ± 2       800969984     800969984	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	38590       38590 ± 2         37023       37023 ± 2         800969984       800969984         800969984       800969984         0.00106757879       0.00106757123 ± 1.25663627181805E-06         39.0381813       39.0381813 ± 0.2         232.692337       232.692337 ± 0.5         5.52265358       5.52265358 ± 0.04         77.5132141       77.5132141 ± 0.0625         38590       38590 ± 2         3572       3572 ± 2         800969984       800969984         800969984       800969984         0.000439703465       0.000439726253 ± 1.25663627181805E-0	ŝ
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	38590       38590 ± 2         37023       37023 ± 2         800969984       800969984         800969984       800969984         0.00106757879       0.00106757123 ± 1.25663627181805E-06         0.000314116478       0.00031410993 ± 1.25663627181805E-06         39.0381813       39.0381813 ± 0.2         232.692337       232.692337 ± 0.5         5.52265358       5.52265358 ± 0.04         77.5132141       77.5132141 ± 0.0625         38590       38590 ± 2         3572       3572 ± 2         800969984       800969984         800969984       800969984	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	38590       38590 ± 2         37023       37023 ± 2         800969984       800969984         800969984       800969984         0.00106757879       0.00106757123 ± 1.25663627181805E-06         39.0381813       39.0381813 ± 0.2         232.692337       232.692337 ± 0.5         5.52265358       5.52265358 ± 0.04         77.5132141       77.5132141 ± 0.0625         38590       38590 ± 2         3572       3572 ± 2         800969984       800969984         800969984       800969984         0.000439703465       0.000439726253 ± 1.25663627181805E-0	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	38590       38590 ± 2         37023       37023 ± 2         800969984       800969984         800969984       800969984         0.00106757879       0.00106757123 ± 1.25663627181805E-06         39.0381813       39.0381813 ± 0.2         232.692337       232.692337 ± 0.5         5.52265358       5.52265358 ± 0.04         77.5132141       77.5132141 ± 0.0625         38590       38590 ± 2         3572       3572 ± 2         800969984       800969984         800969984       800969984         0.000439703465       0.000439726253 ± 1.25663627181805E-0         0.000113070011       0.000113090937 ± 1.25663627181805E-0	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6 6 6
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	38590       38590 ± 2         37023       37023 ± 2         800969984       800969984         800969984       800969984         0.00106757879       0.00031410993 ± 1.25663627181805E-06         39.0381813       39.0381813 ± 0.2         232.692337       232.692337 ± 0.5         5.52265358       5.52265358 ± 0.04         77.5132141       77.5132141 ± 0.0625         38590       38590 ± 2         3572       3572 ± 2         800969984       800969984         800969984       800969984         0.000439703465       0.000439726253 ± 1.25663627181805E-0         0.000113070011       0.000113090937 ± 1.25663627181805E-0         443.858398       443.858398 ± 0.2         226.96962       226.96962 ± 0.5	6 6 6
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	38590       38590 ± 2         37023       37023 ± 2         800969984       800969984         800969984       800969984         0.00106757879       0.00106757123 ± 1.25663627181805E-06         39.0381813       39.0381813 ± 0.2         232.692337       232.692337 ± 0.5         5.52265358       5.52265358 ± 0.04         77.5132141       77.5132141 ± 0.0625         38590       38590 ± 2         3572       3572 ± 2         800969984       800969984         800969984       800969984         0.000439703465       0.000439726253 ± 1.25663627181805E-0         0.000113070011       0.000113090937 ± 1.25663627181805E-0         443.858398       443.858398 ± 0.2         226.96962       226.96962 ± 0.5         3.18688083       3.18688083 ± 0.04	6 6 6
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	38590       38590 ± 2         37023       37023 ± 2         800969984       800969984         800969984       800969984         0.00106757879       0.00106757123 ± 1.25663627181805E-06         0.000314116478       0.00031410993 ± 1.25663627181805E-06         39.0381813       39.0381813 ± 0.2         232.692337       232.692337 ± 0.5         5.52265358       5.52265358 ± 0.04         77.5132141       77.5132141 ± 0.0625         38590       38590 ± 2         3572       3572 ± 2         800969984       800969984         800969984       800969984         0.000439703465       0.000439726253 ± 1.25663627181805E-0         0.000113070011       0.000113090937 ± 1.25663627181805E-0         443.858398       443.858398 ± 0.2         226.96962       226.96962 ± 0.5         3.18688083       3.18688083 ± 0.04         62.1222305       62.1222305 ± 0.0625	5 5 5
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	38590       38590 ± 2         37023       37023 ± 2         800969984       800969984         0.00106757879       0.00106757123 ± 1.25663627181805E-06         0.000314116478       0.00031410993 ± 1.25663627181805E-06         39.0381813       39.0381813 ± 0.2         232.692337       232.692337 ± 0.5         5.52265358       5.52265358 ± 0.04         77.5132141       77.5132141 ± 0.0625         38590       38590 ± 2         3572       3572 ± 2         800969984       800969984         800969984       800969984         0.000439703465       0.000439726253 ± 1.25663627181805E-0         0.000113070011       0.000113090937 ± 1.25663627181805E-0         443.858398       443.858398 ± 0.2         226.96962       226.96962 ± 0.5         3.18688083       3.18688083 ± 0.04         62.1222305       62.1222305 ± 0.0625         54120       54120 ± 2	6 6
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	38590       38590 ± 2         37023       37023 ± 2         800969984       800969984         800969984       800969984         0.00106757879       0.00106757123 ± 1.25663627181805E-06         0.000314116478       0.00031410993 ± 1.25663627181805E-06         39.0381813       39.0381813 ± 0.2         232.692337       232.692337 ± 0.5         5.52265358       5.52265358 ± 0.04         77.5132141       77.5132141 ± 0.0625         38590       38590 ± 2         3572       3572 ± 2         800969984       800969984         800969984       800969984         0.000439703465       0.000439726253 ± 1.25663627181805E-0         0.000113070011       0.000113090937 ± 1.25663627181805E-0         443.858398       443.858398 ± 0.2         226.96962       226.96962 ± 0.5         3.18688083       3.18688083 ± 0.04         62.1222305       62.1222305 ± 0.0625         54120       46193 ± 2	5 5 5
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	38590       38590 ± 2         37023       37023 ± 2         800969984       800969984         800969984       800969984         0.00106757879       0.00106757123 ± 1.25663627181805E-06         0.000314116478       0.00031410993 ± 1.25663627181805E-06         39.0381813       39.0381813 ± 0.2         232.692337       232.692337 ± 0.5         5.52265358       5.52265358 ± 0.04         77.5132141       77.5132141 ± 0.0625         38590       38590 ± 2         3572       3572 ± 2         800969984       800969984         800969984       800969984         0.000113070011       0.00013090937 ± 1.25663627181805E-0         0.000113070011       0.000113090937 ± 1.25663627181805E-0         443.858398       443.858398 ± 0.2         226.96962       226.96962 ± 0.5         3.18688083       3.18688083 ± 0.04         62.1222305       62.1222305 ± 0.0625         54120       54120 ± 2         46193       46193 ± 2         800969984       800969984	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u32	38590       38590 ± 2         37023       37023 ± 2         800969984       800969984         0.00106757879       0.00106757123 ± 1.25663627181805E-06         0.000314116478       0.00031410993 ± 1.25663627181805E-06         39.0381813       39.0381813 ± 0.2         232.692337       232.692337 ± 0.5         5.52265358       5.52265358 ± 0.04         77.5132141       77.5132141 ± 0.0625         38590       38590 ± 2         3572       3572 ± 2         800969984       800969984         800969984       800969984         0.00013070011       0.00013090937 ± 1.25663627181805E-0         443.858398       443.858398 ± 0.2         226.96962       226.96962 ± 0.5         3.18688083       3.18688083 ± 0.04         62.1222305       62.1222305 ± 0.0625         54120       54120 ± 2         46193       46193 ± 2         800969984       800969984         800969984       800969984	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.WehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u20  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	38590       38590 ± 2         37023       37023 ± 2         800969984       800969984         0.00106757879       0.00106757123 ± 1.25663627181805E-06         0.000314116478       0.00031410993 ± 1.25663627181805E-06         39.0381813       39.0381813 ± 0.2         232.692337       232.692337 ± 0.5         5.52265358       5.52265358 ± 0.04         77.5132141       77.5132141 ± 0.0625         38590       38590 ± 2         3572       3572 ± 2         800969984       800969984         800969984       800969984         0.00013070011       0.00013090937 ± 1.25663627181805E-0         443.858398       443.858398 ± 0.2         226.96962       226.96962 ± 0.5         3.18688083       3.18688083 ± 0.04         62.1222305       62.1222305 ± 0.0625         54120       54120 ± 2         46193       46193 ± 2         800969984       800969984         800969984       800969984         800969984       800969984         800969984       800969984         800969984       800969984         800969984       800969984         800969984       800969984         800969984	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.WtVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.WtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	38590       38590 ± 2         37023       37023 ± 2         800969984       800969984         800969984       800969984         0.00106757879       0.00106757123 ± 1.25663627181805E-06         0.000314116478       0.00031410993 ± 1.25663627181805E-06         39.0381813       39.0381813 ± 0.2         232.692337       232.692337 ± 0.5         5.52265358       5.52265358 ± 0.04         77.5132141       77.5132141 ± 0.0625         38590       38590 ± 2         3572       3572 ± 2         800969984       800969984         800969984       800969984         0.00013070011       0.00013090937 ± 1.25663627181805E-0         443.858398       443.858398 ± 0.2         226.96962       226.96962 ± 0.5         3.18688083       3.18688083 ± 0.04         62.1222305       62.1222305 ± 0.0625         54120       54120 ± 2         46193       46193 ± 2         800969984       800969984         800969984       800969984         800969984       800969984         800969984       800969984         800969984       800969984         800969984       800969984         800969984	5 5 5



Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime mS u32	1	GetSystemTime mS u32	1	<b>~</b>

Test Step 2.80 (Repeat Count = 1)	Input Value		
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTin		
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagM	gI_GetNTCActive_NTCActive_Pti_T_igc	
Rte_Inst_Ap_VehDyn k AutoCntrHiSpdCntrWindow HwDeg f32	target_Rte_Inst_Ap_VehDyn_2 7.04372168		
k_AutoCntrHiSpdEilt1Kn_Hz_f32	0.00600000005		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0250000004		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	55.3411407		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	6.96820259		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	102.746277		
k_AutoCntrHiSpdTimer1_mS_u16	6114		
k_AutoCntrHiSpdTimer2_mS_u16	3906		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	55.9956245		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	84.2065811		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	15.3837309		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	119.126099		
k_AutoCntrHiSpdTimer4_mS_u16	32226		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	9.00450611		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00300000003		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00700000022		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	145.500351		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	12.452816		
<_AutoCntrLoSpdTimer1VehSpd_kph_f32	94.8519287		
k_AutoCntrLoSpdTimer1_mS_u16	19115		
k_AutoCntrLoSpdTimer2_mS_u16	24462		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0350000001		
<_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.430200011 -136.996994		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_r in_work-ositeset.nvwistored.astr-osivand_crit_gc target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0		
target_Rte_Inst_Ap_vehDyn_2.Pim_MotPosReset	target Pim MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	569984000		
Name	Actual Value	Expected Value	Resu
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	84.2065811	84.2065811 ± 0.2	rtoou
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	119.126099	119.126099 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	15.3837309	15.3837309 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	55.9956245	55.9956245 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	6114	6114 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	32226	32226 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	569984000	569984000	
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	569984000	569984000	
j			
, - ,	3.76701355e-005	3.76984026e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	3.76701355e-005 8.79764557e-005	3.76984026e-005 ± 1.25663627181805E-06 8.79607251e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32			
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	8.79764557e-005	8.79607251e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	8.79764557e-005 55.3411407	8.79607251e-005 ± 1.25663627181805E-06 55.3411407 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFlit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFlit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	8.79764557e-005 55.3411407 102.746277 6.96820259 7.04372168	8.79607251e-005 ± 1.25663627181805E-06 55.3411407 ± 0.2 102.746277 ± 0.5 6.96820259 ± 0.04 7.04372168 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFlit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFlit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	8.79764557e-005 55.3411407 102.746277 6.96820259 7.04372168 6114	8.79607251e-005 ± 1.25663627181805E-06 55.3411407 ± 0.2 102.746277 ± 0.5 6.96820259 ± 0.04 7.04372168 ± 0.0625 6114 ± 2	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	8.79764557e-005 55.3411407 102.746277 6.96820259 7.04372168 6114 3906	8.79607251e-005 ± 1.25663627181805E-06 55.3411407 ± 0.2 102.746277 ± 0.5 6.96820259 ± 0.04 7.04372168 ± 0.0625 6114 ± 2 3906 ± 2	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	8.79764557e-005 55.3411407 102.746277 6.96820259 7.04372168 6114 3906 569984000	8.79607251e-005 ± 1.25663627181805E-06 55.3411407 ± 0.2 102.746277 ± 0.5 6.96820259 ± 0.04 7.04372168 ± 0.0625 6114 ± 2 3906 ± 2 569984000	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	8.79764557e-005 55.3411407 102.746277 6.96820259 7.04372168 6114 3906 569984000 569984000	8.79607251e-005 ± 1.25663627181805E-06 55.3411407 ± 0.2 102.746277 ± 0.5 6.96820259 ± 0.04 7.04372168 ± 0.0625 6114 ± 2 3906 ± 2 569984000 569984000	
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VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	8.79764557e-005 55.3411407 102.746277 6.96820259 7.04372168 6114 3906 569984000 569984000 7.53998756e-005 0.000314116478 145.500351 94.8519287 12.452816 9.00450611 19115	8.79607251e-005 ± 1.25663627181805E-06 55.3411407 ± 0.2 102.746277 ± 0.5 6.96820259 ± 0.04 7.04372168 ± 0.0625 6114 ± 2 3906 ± 2 569984000 7.53953791e-005 ± 1.25663627181805E-06 0.00031410993 ± 1.25663627181805E-06 145.500351 ± 0.2 94.8519287 ± 0.5 12.452816 ± 0.04 9.00450611 ± 0.0625 19115 ± 2	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u20 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.WehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	8.79764557e-005 55.3411407 102.746277 6.96820259 7.04372168 6114 3906 569984000 569984000 7.53998756e-005 0.000314116478 145.500351 94.8519287 12.452816 9.00450611 19115 24462	8.79607251e-005 ± 1.25663627181805E-06 55.3411407 ± 0.2 102.746277 ± 0.5 6.96820259 ± 0.04 7.04372168 ± 0.0625 6114 ± 2 3906 ± 2 569984000 7.53953791e-005 ± 1.25663627181805E-06 0.00031410993 ± 1.25663627181805E-06 145.500351 ± 0.2 94.8519287 ± 0.5 12.452816 ± 0.04 9.00450611 ± 0.0625 19115 ± 2 24462 ± 2	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	8.79764557e-005 55.3411407 102.746277 6.96820259 7.04372168 6114 3906 569984000 7.53998756e-005 0.000314116478 145.500351 94.8519287 12.452816 9.00450611 19115 24462 569984000	8.79607251e-005 ± 1.25663627181805E-06 55.3411407 ± 0.2 102.746277 ± 0.5 6.96820259 ± 0.04 7.04372168 ± 0.0625 6114 ± 2 3906 ± 2 569984000 7.53953791e-005 ± 1.25663627181805E-06 0.00031410993 ± 1.25663627181805E-06 145.500351 ± 0.2 94.8519287 ± 0.5 12.452816 ± 0.04 9.00450611 ± 0.0625 19115 ± 2 24462 ± 2 569984000	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	8.79764557e-005 55.3411407 102.746277 6.96820259 7.04372168 6114 3906 569984000 569984000 7.53998756e-005 0.000314116478 145.500351 94.8519287 12.452816 9.00450611 19115 24462	8.79607251e-005 ± 1.25663627181805E-06 55.3411407 ± 0.2 102.746277 ± 0.5 6.96820259 ± 0.04 7.04372168 ± 0.0625 6114 ± 2 3906 ± 2 569984000 7.53953791e-005 ± 1.25663627181805E-06 0.00031410993 ± 1.25663627181805E-06 145.500351 ± 0.2 94.8519287 ± 0.5 12.452816 ± 0.04 9.00450611 ± 0.0625 19115 ± 2 24462 ± 2	





Name	Actual Value	Expected Value	Result
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000439703465	0.000439726253 ± 1.25663627181805E-0	16
VehDyn_SLPHwAuth_Uls_M_f32	0	0	<b>✓</b>
VehDyn SLPHwPos HwDeg M f32	0	0	<b>✓</b>

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>

Name	Input Value			
	tgt GetSystemTime mS u32 CurrentTime			
GetSystemTime_mS_u32(CurrentTime)		- Inc		
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T	_igc		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2 32.0222664			
AutoCntrHiSpdCntrWindow_HwDeg_f32     AutoCntrHiSpdCitt4(cn_Hz_62)		0.0049999989		
X_AutoCntrHiSpdFilt1Kn_Hz_f32				
_AutoCntrHiSpdFilt2Kn_Hz_f32	0.063000001			
_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	575.91394			
_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.9376688			
_AutoCntrHiSpdTimer1VehSpd_kph_f32	204.072876			
_AutoCntrHiSpdTimer1_mS_u16	5222			
_AutoCntrHiSpdTimer2_mS_u16	4240			
_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	93.8445969			
_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	312.352844			
_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	8.16609764			
_AutoCntrHiSpdTimer4VehSpd_kph_f32	68			
_AutoCntrHiSpdTimer4_mS_u16	31042			
x_AutoCntrLoSpdCntrWindow_HwDeg_f32	95.9834061			
x_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0049999989			
x_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0049999989			
x_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	195.818787			
_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	7.82910013			
_AutoCntrLoSpdTimer1VehSpd_kph_f32	29.3435669			
_AutoCntrLoSpdTimer1_mS_u16	25532			
_AutoCntrLoSpdTimer2_mS_u16	27401			
_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989			
_SLPEnableBFCheck_Cnt_lgc	0			
S_SLPHwAuthority_Uls_f32	0.436800003			
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-161.029999			
arget_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1			
arget_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lg	1			
arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset			
gt_GetSystemTime_mS_u32_CurrentTime	2242866176			
lama	Actual Value			
Maine	Actual Value Expected Value	R		
	312.352844 312.352844 ± 0.2	R		
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32		R		
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	312.352844 ± 0.2	R		
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	312.352844 ± 0.2 68 68 ± 0.5	R		
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	312.352844       312.352844 ± 0.2         68       68 ± 0.5         8.16609764       8.16609764 ± 0.04	R		
rehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 rehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 rehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 rehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 rehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	312.352844       312.352844 ± 0.2         68       68 ± 0.5         8.16609764       8.16609764 ± 0.04         93.8445969       93.8445969 ± 0.0625	R		
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	312.352844       312.352844 ± 0.2         68       68 ± 0.5         8.16609764       8.16609764 ± 0.04         93.8445969       93.8445969 ± 0.0625         5222       5222 ± 2	R		
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	312.352844 ± 0.2 68	R		
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	$\begin{array}{cccccccccccccccccccccccccccccccccccc$			
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiitPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	7181805E-06		
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiitPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	7181805E-06		
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiitPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	7181805E-06		
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiitPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	7181805E-06		
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	7181805E-06		
chDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 chDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 chDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 chDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 chDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 chDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 chDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 chDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 chDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 chDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 chDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 chDyn_AutoCntrHiSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32 chDyn_AutoCntrHiSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32 chDyn_AutoCntrHiSpd_M_str.NelHwPosFilt2SV_HwDeg_str.Suls_f32 chDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 chDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	7181805E-06		
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32 ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 ehDyn_AutoCntrHiSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32 ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	7181805E-06		
cehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 cehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 cehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 cehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 cehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 cehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 cehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32 cehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 cehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 cehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 cehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 cehDyn_AutoCntrHiSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32 cehDyn_AutoCntrHiSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32 cehDyn_AutoCntrHiSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32 cehDyn_AutoCntrHiSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32 cehDyn_AutoCntrHiSpd_M_str.NelHwPosFilt2SV_HwDeg_f32 cehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 cehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	$\begin{array}{c} 312.352844 & 312.352844 \pm 0.2 \\ 68 & 68 \pm 0.5 \\ 8.16609764 & 8.16609764 \pm 0.04 \\ 93.8445969 & 93.8445969 \pm 0.0625 \\ 5222 & 5222 \pm 2 \\ 31042 & 31042 \pm 2 \\ 2242866176 & 2242866176 \\ 2242866176 & 2242866176 \\ 6.28232956e-005 & 6.28298803e-005 \pm 1.2566362 \\ 6.28232956e-005 & 6.28298803e-005 \pm 1.2566362 \\ 575.91394 & 575.91394 \pm 0.2 \\ 204.072876 & 204.072876 \pm 0.5 \\ 8.9376688 & 8.9376688 \pm 0.04 \\ 32.0222664 & 32.0222664 \pm 0.0625 \\ 5222 & 5222 \pm 2 \\ 4240 & 4240 \pm 2 \\ \end{array}$	7181805E-06		
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32 ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 ehDyn_AutoCntrHiSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32 ehDyn_AutoCntrHiSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32 ehDyn_AutoCntrHiSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32 ehDyn_AutoCntrHiSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32 ehDyn_AutoCntrHiSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32 ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	$\begin{array}{c} 312.352844 & 312.352844 \pm 0.2 \\ 68 & 68 \pm 0.5 \\ 8.16609764 & 8.16609764 \pm 0.04 \\ 93.8445969 & 93.8445969 \pm 0.0625 \\ 5222 & 5222 \pm 2 \\ 31042 & 31042 \pm 2 \\ 2242866176 & 2242866176 \\ 2242866176 & 2242866176 \\ 6.28232956e-005 & 6.28298803e-005 \pm 1.2566362 \\ 6.28232956e-005 & 6.28298803e-005 \pm 1.2566362 \\ 575.91394 & 575.91394 \pm 0.2 \\ 204.072876 & 204.072876 \pm 0.5 \\ 8.9376688 & 8.9376688 \pm 0.04 \\ 32.0222664 & 32.0222664 \pm 0.0625 \\ 5222 & 5222 \pm 2 \\ 4240 & 4240 \pm 2 \\ 2242866176 & 2242866176 \end{array}$	7181805E-06		
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 ehDyn_AutoCntrHiSpd_M_str.NelHwPosFilt3SV_HwDeg_str.K_UIs_f32 ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	$\begin{array}{c} 312.352844 \\ 68 \\ 68 \\ 68 \\ 40.5 \\ 8.16609764 \\ 93.8445969 \\ 93.8445969 \\ 93.8445969 \\ 93.8445969 \\ 93.8445969 \\ 93.8445969 \\ 93.8445969 \\ 93.8445969 \\ 93.8445969 \\ 90.0625 \\ 5222 \\ 31042 \\ 2242866176 \\ 2242866176 \\ 2242866176 \\ 2242866176 \\ 6.28232956e-005 \\ 6.28232956e-005 \\ 6.28232956e-005 \\ 6.28239803e-005 \\ 1.2566362 \\ 6.2823956e-005 \\ 6.28298803e-005 \\ 1.2566362 \\ 6.2823956e-005 \\ 6.28298803e-005 \\ 1.2566362 \\ 575.91394 \\ 204.072876 \\ 8.9376688 \\ 8.9376688 \\ 8.9376688 \\ 8.9376688 \\ 3.0222664 \\ 3.0222664 \\ 5222 \\ 4240 \\ 242866176 \\ 2242866176 \\ 2242866176 \\ 2242866176 \\ \end{array}$	7181805E-06 7181805E-06		
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.NehPyd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	$\begin{array}{c} 312.352844 \\ 68 \\ 68 \\ 68 \\ 68 \\ 68 \\ 68 \\ 68 \\$	7181805E-06 7181805E-06		
tehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 tehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 tehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 tehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 tehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 tehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 tehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 tehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 tehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 tehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 tehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 tehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 tehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 tehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 tehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 tehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 tehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 tehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 tehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 tehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 tehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 tehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 tehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 tehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 tehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 tehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 tehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	$\begin{array}{c} 312.352844 \\ 68 \\ 68 \\ 68 \\ 68 \\ 68 \\ 68 \\ 68 \\$	7181805E-06 7181805E-06		
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	$\begin{array}{c} 312.352844 \\ 68 \\ 68 \\ 68 \\ 68 \\ 68 \\ 68 \\ 68 \\$	7181805E-06 7181805E-06		
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.PiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	312.352844	7181805E-06 7181805E-06		
Value         /ehDyn_AutoCntrDetSpd_M_str.WtrVel_MtrRadpS_f32         /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32         /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32         /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32         /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16         /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16         /ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32         /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32         /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32         /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32         /ehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32         /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32         /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16         /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16         /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32         /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32         /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32         /ehDyn_AutoCntrLoSpd_M_str.WtrVel_MtrRadpS_f32         /ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32         /ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32         /ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32         /ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	$\begin{array}{c} 312.352844 \\ 68 \\ 68 \\ 68 \\ 68 \\ 68 \\ 68 \\ 68 \\$	7181805E-06 7181805E-06		
/ehDyn_AutoCntrDetSpd_M_str.NtrVel_MtrRadpS_f32 /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.PittPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	312.352844	7181805E-06 7181805E-06		





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2242866176	2242866176	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2242866176	2242866176	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	<b>✓</b>
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.436800003	0.436800003	<b>✓</b>
VehDyn SLPHwPos HwDeg M f32	-161.029999	-161.029999	<b>✓</b>

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	-

Test Step 2.82 (Repeat Count = 1) Name	Input Value	
	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	7.2738266	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00899999961	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00200000009	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	460.901886	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.00629902	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	92.026535	
k_AutoCntrHiSpdTimer1_mS_u16	16931	
k_AutoCntrHiSpdTimer2_mS_u16	4574	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	51.3993683	
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	119.134666	
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	0	
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	103.723984	
k_AutoCntrHiSpdTimer4_mS_u16	51145	
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	65.2026672	
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00899999961	
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0250000004	
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	581.690918	
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	6.79465103	
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	236.401962	
k_AutoCntrLoSpdTimer1_mS_u16	46296	
k_AutoCntrLoSpdTimer2_mS_u16	9393	
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00899999961	
k_SLPEnableBFCheck_Cnt_lgc	1	
k_SLPHwAuthority_Uls_f32	0.443399996	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-185.063004	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0	
$target\_Rte\_Call\_Ap\_VehDyn\_NxtrDiagMgr\_GetNTCActive\_NTCActive\_Ptr\_T\_lgc$	0	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
tgt_GetSystemTime_mS_u32_CurrentTime	2269150976	
Name	Actual Value Expected Value	Resu
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	119.134666 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	103.723984 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	51.3993683 ± 0.0625	
VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	16931 16931 ± 2	
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	51145 ± 2	
	0000450070	
VehDvn AutoCntrDetSpd M str.Timer1 mS u32	2269150976 2269150976	
	2269150976 2269150976 2269150976 2269150976	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Llls_f32	2269150976 2269150976	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2269150976 2269150976 0.000113070011 0.000113090937 ± 1.25663627181805E-06	5
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2269150976     2269150976       0.000113070011     0.000113090937 ± 1.25663627181805E-06       0.000314116478     0.00031410993 ± 1.25663627181805E-06	<b>3</b>
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	2269150976       2269150976         0.000113070011       0.000113090937 ± 1.25663627181805E-06         0.000314116478       0.00031410993 ± 1.25663627181805E-06         460.901886       460.901886 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	2269150976     2269150976       0.000113070011     0.000113090937 ± 1.25663627181805E-06       0.000314116478     0.00031410993 ± 1.25663627181805E-06       460.901886     460.901886 ± 0.2       92.026535     92.026535 ± 0.5	i .
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2269150976     2269150976       0.000113070011     0.000113090937 ± 1.25663627181805E-06       0.000314116478     0.00031410993 ± 1.25663627181805E-06       460.901886     460.901886 ± 0.2       92.026535     92.026535 ± 0.5       8.00629902     8.00629902 ± 0.04	5
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	2269150976       2269150976         0.000113070011       0.000113090937 ± 1.25663627181805E-06         0.000314116478       0.00031410993 ± 1.25663627181805E-06         460.901886       460.901886 ± 0.2         92.026535       92.026535 ± 0.5         8.00629902       8.00629902 ± 0.04         7.2738266       7.2738266 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2269150976       2269150976         0.000113070011       0.000113090937 ± 1.25663627181805E-06         0.000314116478       0.00031410993 ± 1.25663627181805E-06         460.901886       460.901886 ± 0.2         92.026535       92.026535 ± 0.5         8.00629902       8.00629902 ± 0.04         7.2738266       7.2738266 ± 0.0625         16931       16931 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer3_mS_u32	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.79465103	6.79465103 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	65.2026672	65.2026672 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	46296	46296 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	9393	9393 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2269150976	2269150976	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2269150976	2269150976	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>

Test Step 2.83 (Repeat Count = 1) Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Call_Ap_veribyit_ixtibilaginigi_GetivitCActive(ivitCActive_Ftt_1_igc)  Rte_Inst_Ap_Veribyit		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	target_Rte_Inst_Ap_VehDyn_2 91.5981827	
	0.0250000004	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0049999989	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	160.17424	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	4.19048309	
<_AutoCntrHiSpdTimer1VehSpd_kph_f32	28.4624329	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	20.4024329	
<_AutoCntrHiSpdTimer1_mS_u16 <_AutoCntrHiSpdTimer2_mS_u16		
<_AutoCntrHiSpdTimer2_mS_u16 AutoCntrHiSpdTimer4CotAM/adams HurDara 600	4908 53.1939697	
C_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32     AutoCntrHiSpdTimer4Afts(c)_AftrDadaS_f32     AutoCntrHiSpdTimer4Afts(c)_AftrDadaS_f32		
x_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	201.577209	
x_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	20	
x_AutoCntrHiSpdTimer4VehSpd_kph_f32 x_AutoCntrHiSpdTimer4_mS_u16	194.557587	
<pre>&lt;_AutoCntrHiSpdTimer4_mS_u16</pre>	55301	
x_AutoCntrLoSpdCntrWindow_HwDeg_f32	52.1249008	
x_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0250000004	
x_AutoCntrLoSpdFilt2Kn_Hz_f32	0.063000001	
x_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	578.046082	
_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	16.1874886	
_AutoCntrLoSpdTimer1VehSpd_kph_f32	158.773651	
_AutoCntrLoSpdTimer1_mS_u16	21486	
x_AutoCntrLoSpdTimer2_mS_u16	38584	
C_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0250000004	
<pre>c_SLPEnableBFCheck_Cnt_lgc</pre>	0	
s_SLPHwAuthority_Uls_f32	0.44999988	
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-209.095993	
arget_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_Igc	1	
arget_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1	
arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
gt_GetSystemTime_mS_u32_CurrentTime	3533260288	
Name	Actual Value Expected Value	Resu
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	201.577209 201.577209 ± 0.2	
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	194.557587 ± 0.5	
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	20 20 ± 0.04	
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	53.1939697 ± 0.0625	
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20459 20459 ± 2	
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	55301 55301 ± 2	
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3533260288 3533260288	
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3533260288 3533260288	
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791370869 0.000791368075 ± 1.25663627181805E-06	
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	160.17424 ± 0.2	
55,, 10.55/101 110pd_111_50.1110 V51_1101 (104pd_152	28.4624329 28.4624329 ± 0.5	
/ehDvn_AutoCntrHiSnd_M_str_VehSnd_knh_f32		
, - , - , - , - , - , - , - , - , - , -	4 19048309 4 0 04	
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.19048309	
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	91.5981827 91.5981827 ± 0.0625	
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	91.5981827 91.5981827 ± 0.0625 20459 20459 ± 2	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_nrs_u32	91.5981827 91.5981827 ± 0.0625	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	578.046082	578.046082 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	158.773651	158.773651 ± 0.5	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.1874886	16.1874886 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.1249008	52.1249008 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21486	21486 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	38584	38584 ± 2	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3533260288	3533260288	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3533260288	3533260288	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0.44999988	0.449999988	~
VehDyn_SLPHwPos_HwDeg_M_f32	-209.095993	-209.095993	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	

Test Step 2.84 (Repeat Count = 1)		•
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	87.8902435	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0759999976	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00200000009	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	80.0510254	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.94539928	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	124.186646	
k_AutoCntrHiSpdTimer1_mS_u16	42690	
k_AutoCntrHiSpdTimer2_mS_u16	2570	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	23.81703	
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	531.758972	
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	6.92990065	
k AutoCntrHiSpdTimer4VehSpd kph f32	245.5401	
k AutoCntrHiSpdTimer4 mS u16	34733	
k AutoCntrLoSpdCntrWindow HwDeg f32	99.4496155	
k AutoCntrLoSpdFilt1Kn Hz f32	0.0250000004	
k AutoCntrLoSpdFilt2Kn Hz f32	0.0458000004	
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	289.349548	
k AutoCntrLoSpdTimer1PinTrq HwNm f32	14.9216394	
k AutoCntrLoSpdTimer1VehSpd kph f32	158.512024	
k AutoCntrLoSpdTimer1 mS u16	33241	
k_AutoCntrLoSpdTimer2_mS_u16	55884	
k AutoCntrPinTrqLPFCoeffKn Hz f32	0.0759999976	
k SLPEnableBFCheck Cnt lgc	0	
k SLPHwAuthority Uls f32	0.489600003	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-353.294006	
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	0	
target Rte Call Ap VehDyn NxtrDiagMgr GetNTCActive NTCActive Ptr T lgc	0	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
tgt_GetSystemTime_mS_u32_CurrentTime	1759885568	
Name	Actual Value Expected Value	Resul
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	531.758972 531.758972 ± 0.2	rtooui
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	245.5401 245.5401 ± 0.5	
VehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	6.92990065 6.92990065 ± 0.04	
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	23.81703 23.81703 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	42690 42690 ± 2	
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	34733 34733 ± 2	
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	1759885568 1759885568	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1759885568 1759885568	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	
VehDyn AutoChtrDetSpd M str.ReiHwPosFilt1SV_HwDeg str.K Uls f32	0.000314110478	
, - ,	80.0510254 80.0510254 80.0510254 80.0510254	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	80.0510254 ± 0.2 124.186646 ± 0.5	
VehDyn_AutoCotrHiSpd_M_str.VehSpd_kph_f32	124.186646 ± 0.5 8.94539928 8.94539928 ± 0.04	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0.94009920 I U.U4	1





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	42690	42690 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	2570	2570 ± 2	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1759885568	1759885568	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1759885568	1759885568	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000954568386	0.000954588235 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	289.349548	289.349548 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	158.512024	158.512024 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.9216394	14.9216394 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	99.4496155	99.4496155 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	33241	33241 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	55884	55884 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1759885568	1759885568	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1759885568	1759885568	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575374172 ± 1.25663627181805E-06	<b>✓</b>
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000954568386	0.000954588235 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>

Test Step 2.85 (Repeat Count = 1) Name	Input Value	
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 CurrentTime	
Rte Call Ap VehDyn NxtrDiagMgr GetNTCActive(NTCActive Ptr T lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Call_Ap_veribyit_inxtrologingt_Getint Cactive(int Cactive_Ftt_1_igc)  Rte_Inst_Ap_Veribyit	target Rte Inst Ap VehDyn 2	
κιε_πει_κρ_venbyn k AutoCntrHiSpdCntrWindow HwDeg f32	24.5077915	
k_AutoCntrHiSpdCntrWindow_Hwbeg_is2 k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0225000009	
	0.00499999989	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	416.42218	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.68037319	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	168.185226	
k_AutoCntrHiSpdTimer1_mS_u16	30272	
k_AutoCntrHiSpdTimer2_mS_u16	2904	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	51.7886963	
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	272.816681	
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	13.0401011	
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	209.062363	
k_AutoCntrHiSpdTimer4_mS_u16	3628	
<_AutoCntrLoSpdCntrWindow_HwDeg_f32	59.735672	
<_AutoCntrLoSpdFilt1Kn_Hz_f32	0.063000001	
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0049999989	
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	499.624054	
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	6.55805016	
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	125.396591	
<_AutoCntrLoSpdTimer1_mS_u16	36412	
<_AutoCntrLoSpdTimer2_mS_u16	14998	
<_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0225000009	
_SLPEnableBFCheck_Cnt_lgc	1	
x_SLPHwAuthority_Uls_f32	0.496199995	
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-377.326996	
arget Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1	
arget Rte Call Ap VehDyn NxtrDiagMgr GetNTCActive NTCActive Ptr T lgc	1	
arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target Pim MotPosReset	
tgt_GetSystemTime_mS_u32_CurrentTime	1662097408	
Name	Actual Value Expected Value	Resu
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	272.816681 272.816681 ± 0.2	11000
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	209.062363 209.062363 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	13.0401011 13.0401011 ± 0.04	
· - · ·	51.7886963 51.7886963 ± 0.0625	
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	30272 30272 ± 0.0625	
· - · - ·	30272 30272 ± 2 3628 3628 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	11.1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1662097408	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1662097408 1662097408	6
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791370869 0.000791368075 ± 1.25663627181805E-0 6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-0	-





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	416.42218	416.42218 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	168.185226	168.185226 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.68037319	8.68037319 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	24.5077915	24.5077915 ± 0.0625	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	30272	30272 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	2904	2904 ± 2	<b>~</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1662097408	1662097408	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1662097408	1662097408	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00028270483	0.000282703375 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	499.624054	499.624054 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	125.396591	125.396591 ± 0.5	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.55805016	6.55805016 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	59.735672	59.735672 ± 0.0625	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	36412	36412 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14998	14998 ± 2	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1662097408	1662097408	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1662097408	1662097408	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00028270483	0.000282703375 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>	

Test Step 2.86 (Repeat Count = 1)				
Name	Input Value			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	tgt_GetSystemTime_mS_u32_CurrentTime		
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc			
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2			
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	91.3826141			
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.063000001			
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0491000004			
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	683.818359			
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	0.0764636993			
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	34.4863586			
k_AutoCntrHiSpdTimer1_mS_u16	23210			
k_AutoCntrHiSpdTimer2_mS_u16	3238			
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	75.1060562			
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	108.829964			
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	7.80758381			
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	169.04245			
k_AutoCntrHiSpdTimer4_mS_u16	7187			
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	53.7309608			
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0320999995			
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00899999961			
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	228.670547			
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	16.7742443			
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	174.289764			
k_AutoCntrLoSpdTimer1_mS_u16	11413			
k_AutoCntrLoSpdTimer2_mS_u16	48604			
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.063000001			
k_SLPEnableBFCheck_Cnt_lgc	0			
k_SLPHwAuthority_Uls_f32	0.502799988			
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-401.359985			
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1			
$target\_Rte\_Call\_Ap\_VehDyn\_NxtrDiagMgr\_GetNTCActive\_NTCActive\_Ptr\_T\_lgc$	0			
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset			
tgt_GetSystemTime_mS_u32_CurrentTime	2127166208			
Name	Actual Value	Expected Value	Resu	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	108.829964	108.829964 ± 0.2		
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	169.04245	169.04245 ± 0.5		
VehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	7.80758381	7.80758381 ± 0.04		
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	75.1060562	75.1060562 ± 0.0625		
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	23210	23210 ± 2		
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	7187	7187 ± 2		





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2127166208	2127166208	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2127166208	2127166208	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403299142 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	683.818359	683.818359 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	34.4863586	34.4863586 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0.0764636993	0.0764636993 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	91.3826141	91.3826141 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	23210	23210 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3238	3238 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2127166208	2127166208	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2127166208	2127166208	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000616788864	0.000616818492 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	228.670547	228.670547 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	174.289764	174.289764 ± 0.5	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.7742443	16.7742443 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	53.7309608	53.7309608 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	11413	11413 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	48604	48604 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2127166208	2127166208	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2127166208	2127166208	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403299142 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.502799988	0.502799988	~
VehDyn_SLPHwPos_HwDeg_M_f32	-401.359985	-401.359985	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>	

Test Step 2.87 (Repeat Count = 1)			
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_0	GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	77.5132141		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00200000009		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00899999961		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	39.0381813		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	5.52265358		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	232.692337		
k_AutoCntrHiSpdTimer1_mS_u16	38590		
k_AutoCntrHiSpdTimer2_mS_u16	3572		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	5.39439726		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	400.168243		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	19.648386		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	17.4615631		
k_AutoCntrHiSpdTimer4_mS_u16	37023		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	62.1222305		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0850000009		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0250000004		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	443.858398		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	3.18688083		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	226.96962		
k_AutoCntrLoSpdTimer1_mS_u16	54120		
k_AutoCntrLoSpdTimer2_mS_u16	46193		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00200000009		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.50940001		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-425.393005		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lg	1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	4243378688		
Name	Actual Value	Expected Value	Resul
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	400.168243	400.168243 ± 0.2	•
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	17.4615631	17.4615631 ± 0.5	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	19.648386	19.648386 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	5.39439726	5.39439726 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	38590	38590 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	37023	37023 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4243378688	4243378688	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4243378688	4243378688	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00106757879	0.00106757123 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	39.0381813	39.0381813 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	232.692337	232.692337 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.52265358	5.52265358 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	77.5132141	77.5132141 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38590	38590 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3572	3572 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4243378688	4243378688	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4243378688	4243378688	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	443.858398	443.858398 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	226.96962	226.96962 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.18688083	3.18688083 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	62.1222305	62.1222305 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	54120	54120 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	46193	46193 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4243378688	4243378688	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4243378688	4243378688	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00106757879	0.00106757123 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	•
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Name	Input Value
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	64.989418
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.063000001
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00520000001
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	144.154984
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	11.458559
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	55.1080475
k_AutoCntrHiSpdTimer1_mS_u16	50710
k_AutoCntrHiSpdTimer2_mS_u16	2236
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	56.9792366
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	540.500305
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	9.40114307
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	47.8860626
k_AutoCntrHiSpdTimer4_mS_u16	41475
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	95.4522934
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00899999961
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0344000012
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	287.461334
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	7.12687922
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	58.312088
k_AutoCntrLoSpdTimer1_mS_u16	49661
k_AutoCntrLoSpdTimer2_mS_u16	59445
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.063000001
k_SLPEnableBFCheck_Cnt_lgc	0
k_SLPHwAuthority_Uls_f32	0
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-641.690002
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset





Name	Input Value		
tgt_GetSystemTime_mS_u32_CurrentTime	4164171008		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	540.500305	540.500305 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	47.8860626	47.8860626 ± 0.5	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	9.40114307	9.40114307 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	56.9792366	56.9792366 ± 0.0625	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	50710	50710 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	41475	41475 ± 2	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4164171008	4164171008	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4164171008	4164171008	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000432193279	0.000432189729 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	144.154984	144.154984 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	55.1080475	55.1080475 ± 0.5	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	11.458559	11.458559 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	64.989418	64.989418 ± 0.0625	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	50710	50710 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	2236	2236 ± 2	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4164171008	4164171008	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4164171008	4164171008	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53429888e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	287.461334	287.461334 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	58.312088	58.312088 ± 0.5	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.12687922	7.12687922 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	95.4522934	95.4522934 ± 0.0625	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	49661	49661 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	59445	59445 ± 2	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4164171008	4164171008	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4164171008	4164171008	<b>~</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000432193279	0.000432189729 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	-641.690002	-641.690002	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>

Test Step 2.89 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	87.8902435
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00499999989
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00980000012
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	80.0510254
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.94539928
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	124.186646
k_AutoCntrHiSpdTimer1_mS_u16	42690
k_AutoCntrHiSpdTimer2_mS_u16	2570
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	23.81703
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	531.758972
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	6.92990065
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	245.5401
k_AutoCntrHiSpdTimer4_mS_u16	34733
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	99.4496155
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0250000004
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0458000004
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	289.349548
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	14.9216394
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	158.512024
k_AutoCntrLoSpdTimer1_mS_u16	33241
k_AutoCntrLoSpdTimer2_mS_u16	55884
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989
k_SLPEnableBFCheck_Cnt_lgc	1
k_SLPHwAuthority_Uls_f32	1





Name	Input Value		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-665.723022		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
$target\_Rte\_Call\_Ap\_VehDyn\_NxtrDiagMgr\_GetNTCActive\_NTCActive\_Ptr\_T\_lgc$	1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	437658624		
Name	Actual Value	Expected Value	Resul
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	531.758972	531.758972 ± 0.2	
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	245.5401	245.5401 ± 0.5	
VehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	6.92990065	6.92990065 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	23.81703	23.81703 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	42690	42690 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	34733	34733 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	437658624	437658624	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	437658624	437658624	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575374172 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	80.0510254	80.0510254 ± 0.2	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	124.186646	124.186646 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.94539928	8.94539928 ± 0.04	
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	87.8902435	87.8902435 ± 0.0625	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	42690	42690 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	2570	2570 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	437658624	437658624	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	437658624	437658624	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000123143196	0.000123142847 ± 1.25663627181805E-06	
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	289.349548	289.349548 ± 0.2	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	158.512024	158.512024 ± 0.5	
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.9216394	14.9216394 ± 0.04	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	99.4496155	99.4496155 ± 0.0625	
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	33241	33241 ± 2	
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	55884	55884 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	437658624	437658624	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	437658624	437658624	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575374172 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0	0	
VehDyn SLPHwPos HwDeg M f32	0	0	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime mS u32	1	GetSystemTime mS u32	1	<b>✓</b>

Test Step 2.90 (Repeat Count = 1)	✓
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	24.5077915
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0250000004
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00989999995
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	416.42218
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.68037319
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	168.185226
k_AutoCntrHiSpdTimer1_mS_u16	30272
k_AutoCntrHiSpdTimer2_mS_u16	2904
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	51.7886963
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	272.816681
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	13.0401011
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	209.062363
k_AutoCntrHiSpdTimer4_mS_u16	3628
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	59.735672
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.063000001
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00499999989
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	499.624054
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	6.55805016
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	125.396591
k_AutoCntrLoSpdTimer1_mS_u16	36412





Name	Input Value		
k_AutoCntrLoSpdTimer2_mS_u16	14998		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0250000004		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.300000012		
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	-689.755981		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target Rte Call Ap VehDyn NxtrDiagMgr GetNTCActive NTCActive Ptr T Ig	c 1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	3941357312		
Name	Actual Value	Expected Value	Result
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	272.816681	272.816681 ± 0.2	
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	209.062363	209.062363 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	13.0401011	13.0401011 ± 0.04	
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	51.7886963	51.7886963 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	30272	30272 ± 2	
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	3628	3628 ± 2	
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	3941357312	3941357312	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3941357312	3941357312	
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	٠,
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	416.42218	416.42218 ± 0.2	٠,
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	168.185226	168.185226 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.68037319	8.68037319 ± 0.04	٠,
VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	24.5077915	24.5077915 ± 0.0625	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	30272	30272 ± 2	٠,
VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	2904	2904 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3941357312	3941357312	٠,
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3941357312	3941357312	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	٠,
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000124394894	0.000124399332 ± 1.25663627181805E-06	
VehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	499.624054	499.624054 ± 0.2	٠,
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	125.396591	125.396591 ± 0.5	
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.55805016	6.55805016 ± 0.04	٠,
VehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	59.735672	59.735672 ± 0.0625	
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	36412	36412 ± 2	٠,
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	14998	14998 ± 2	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3941357312	3941357312	٠,
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3941357312	3941357312	
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	,
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	
VehDyn SLPHwAuth Uls M f32	0.300000012	0.300000012	
VehDyn_SLPHwPos_HwDeg_M_f32	-689.755981	-689.755981	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime mS u32	1	GetSystemTime mS u32	1	V

Test Step 2.91 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	91.3826141
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.063000001
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00749999983
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	683.818359
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	0.0764636993
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	34.4863586
k_AutoCntrHiSpdTimer1_mS_u16	23210
k_AutoCntrHiSpdTimer2_mS_u16	3238
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	75.1060562
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	108.829964
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	7.80758381
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	169.04245
k_AutoCntrHiSpdTimer4_mS_u16	7187
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	53.7309608
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0320999995
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00899999961





Name	Input Value		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	228.670547		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	16.7742443		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	174.289764		
k_AutoCntrLoSpdTimer1_mS_u16	11413		
k_AutoCntrLoSpdTimer2_mS_u16	48604		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.063000001		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.58859998		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-1600		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
$target\_Rte\_Call\_Ap\_VehDyn\_NxtrDiagMgr\_GetNTCActive\_NTCActive\_Ptr\_T\_lgc$	0		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	3304439296		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	108.829964	108.829964 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	169.04245	169.04245 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	7.80758381	7.80758381 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.1060562	75.1060562 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	23210	23210 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	7187	7187 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3304439296	3304439296	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3304439296	3304439296	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403299142 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	683.818359	683.818359 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	34.4863586	34.4863586 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0.0764636993	0.0764636993 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	91.3826141	91.3826141 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	23210	23210 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3238	3238 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3304439296	3304439296	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3304439296	3304439296	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	9.42349434e-005	9.42433398e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	228.670547	228.670547 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	174.289764	174.289764 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.7742443	16.7742443 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	53.7309608	53.7309608 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	11413	11413 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	48604	48604 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3304439296	3304439296	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3304439296	3304439296	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403299142 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.58859998	0.58859998	~
VehDyn_SLPHwPos_HwDeg_M_f32	-1600	-1600	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>

Test Step 2.92 (Repeat Count = 1)	· · · · · · · · · · · · · · · · · · ·
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	77.5132141
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00200000009
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0149999997
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	39.0381813
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	5.52265358
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	232.692337
k_AutoCntrHiSpdTimer1_mS_u16	38590
k_AutoCntrHiSpdTimer2_mS_u16	3572
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	5.39439726
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	400.168243
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	19.648386
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	17.4615631





Name	Input Value		
k_AutoCntrHiSpdTimer4_mS_u16	37023		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	62.1222305		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0850000009		
k AutoCntrLoSpdFilt2Kn Hz f32	0.0250000004		
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	443.858398		
k AutoCntrLoSpdTimer1PinTrg HwNm f32	3.18688083		
k AutoCntrLoSpdTimer1VehSpd kph f32	226.96962		
k AutoCntrLoSpdTimer1 mS u16	54120		
k AutoCntrLoSpdTimer2 mS u16	46193		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00200000009		
k SLPEnableBFCheck Cnt Igc	0		
k SLPHwAuthority Uls f32	0.595200002		
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	1600		
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0		
target Rte Inst Ap VehDyn 2.Pim MotPosReset	target Pim MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	2167769344		
		Even extent Value	Danul
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	400.168243	400.168243 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	17.4615631	17.4615631 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	19.648386	19.648386 ± 0.04	•
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	5.39439726	5.39439726 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	38590	38590 ± 2	-
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	37023	37023 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2167769344	2167769344	-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2167769344	2167769344	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00106757879	0.00106757123 ± 1.25663627181805E-06	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	39.0381813	39.0381813 ± 0.2	•
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	232.692337	232.692337 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.52265358	5.52265358 ± 0.04	-
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	77.5132141	77.5132141 ± 0.0625	-
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38590	38590 ± 2	-
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3572	3572 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2167769344	2167769344	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2167769344	2167769344	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	-
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000188469887	0.000188477788 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	443.858398	443.858398 ± 0.2	-
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	226.96962	226.96962 ± 0.5	•
VehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	3.18688083	3.18688083 ± 0.04	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	62.1222305	62.1222305 ± 0.0625	•
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	54120	54120 ± 2	
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	46193	46193 ± 2	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2167769344	2167769344	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2167769344	2167769344	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00106757879	0.00106757123 ± 1.25663627181805E-06	
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51531601e-005	2.51324254e-005 ± 1.25663627181805E-06	
VehDyn_SLPHwAuth_Uls_M_f32	0.595200002	0.595200002	
VehDyn_SLPHwPos_HwDeg_M_f32	1600	1600	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime mS u32	1	GetSystemTime mS u32	1	<b>✓</b>

Test Step 2.93 (Repeat Count = 1)	
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	7.04372168
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0049999989
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0049999989
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	55.3411407
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	6.96820259
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	102.746277
k_AutoCntrHiSpdTimer1_mS_u16	6114
k_AutoCntrHiSpdTimer2_mS_u16	3906





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Name	Input Value		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	55.9956245		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	84.2065811		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	15.3837309		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	119.126099		
k_AutoCntrHiSpdTimer4_mS_u16	32226		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	9.00450611		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00300000003		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00700000022		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	145.500351		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	12.452816		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	94.8519287		
k_AutoCntrLoSpdTimer1_mS_u16	19115		
k_AutoCntrLoSpdTimer2_mS_u16	24462		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.601800025		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	0		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	3714197504		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	84.2065811	84.2065811 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	119.126099	119.126099 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	15.3837309	15.3837309 ± 0.04	•
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	55.9956245	55.9956245 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	6114	6114 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	32226	32226 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3714197504	3714197504	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3714197504	3714197504	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.76701355e-005	3.76984026e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	8.79764557e-005	8.79607251e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	55.3411407	55.3411407 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	102.746277	102.746277 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6.96820259	6.96820259 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	7.04372168	7.04372168 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	6114	6114 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3906	3906 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3714197504	3714197504	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3714197504	3714197504	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	145.500351	145.500351 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	94.8519287	94.8519287 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.452816	12.452816 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	9.00450611	9.00450611 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	19115	19115 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	24462	24462 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3714197504	3714197504	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3714197504	3714197504	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.76701355e-005	3.76984026e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	8.79764557e-005	8.79607251e-005 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.94 (Repeat Count = 1)	l de la companya de
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	32.0222664
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0344000012
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0250000004
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	575.91394





Name	Input Value		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.9376688		
k AutoCntrHiSpdTimer1VehSpd kph f32	204.072876		
k AutoCntrHiSpdTimer1 mS u16	5222		
k_AutoCntrHiSpdTimer2_mS_u16	4240		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	93.8445969		
k AutoCntrHiSpdTimer4MtrVel MtrRadpS f32	312.352844		
k AutoCntrHiSpdTimer4PinTrq HwNm f32	8.16609764		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	68		
k_AutoCntrHiSpdTimer4_mS_u16	31042		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	95.9834061		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00499999989		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00499999989		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	195.818787		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	7.82910013		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	29.3435669		
k AutoCntrLoSpdTimer1 mS u16	25532		
k_AutoCntrLoSpdTimer2_mS_u16	27401		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0344000012		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.608399987		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	785.888		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	3323480832		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	312.352844	312.352844 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	68	68 ± 0.5	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.16609764	8.16609764 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	93.8445969	93.8445969 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	5222	5222 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	31042	31042 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3323480832	3323480832	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3323480832	3323480832	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	575.91394	575.91394 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	204.072876	204.072876 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.9376688	8.9376688 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.0222664	32.0222664 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	5222	5222 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	4240	4240 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3323480832	3323480832	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3323480832	3323480832	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000432193279	0.000432189729 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	195.818787	195.818787 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	29.3435669	29.3435669 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.82910013	7.82910013 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	95.9834061	95.9834061 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	25532	25532 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27401	27401 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3323480832	3323480832	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3323480832	3323480832	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000432193279	0.000432189729 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.608399987	0.608399987	<b>✓</b>
VehDyn_SLPHwPos_HwDeg_M_f32	785.888	785.888	_

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>

Test Step 2.95 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
$Rte\_Call\_Ap\_VehDyn\_NxtrDiagMgr\_GetNTCActive(NTCActive\_Ptr\_T\_lgc)$	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	





Name	Input Value		
k AutoCntrHiSpdCntrWindow HwDeg f32	7.2738266		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0458000004		
k AutoCntrHiSpdFilt2Kn Hz f32	0.063000001		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	460.901886		
k AutoCntrHiSpdTimer1PinTrg HwNm f32	8.00629902		
k AutoCntrHiSpdTimer1VehSpd kph f32	92.026535		
k AutoCntrHiSpdTimer1 mS u16	16931		
k_AutoCntrHiSpdTimer2_mS_u16	4574		
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	51.3993683		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	119.134666		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	0		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	103.723984		
k_AutoCntrHiSpdTimer4_mS_u16	51145		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	65.2026672		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00899999961		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0250000004		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	581.690918		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	6.79465103		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	236.401962		
k_AutoCntrLoSpdTimer1_mS_u16	46296		
k_AutoCntrLoSpdTimer2_mS_u16	9393		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0458000004		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.61500001		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-809.921021		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	71426560		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	119.134666	119.134666 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	103.723984	103.723984 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0	0 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	51.3993683	51.3993683 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	16931	16931 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	51145	51145 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	71426560	71426560	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	71426560	71426560	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	460.901886	460.901886 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	92.026535	92.026535 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.00629902	8.00629902 ± 0.04	•
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	7.2738266	7.2738266 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	16931	16931 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	4574	4574 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	71426560 71426560	71426560	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	1111	71426560	~
, =	0.000575363636 0.000791370869	0.000575374172 ± 1.25663627181805E-06	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	581.690918	0.000791368075 ± 1.25663627181805E-06 581.690918 ± 0.2	
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	236.401962	236.401962 ± 0.5	-
VehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	6.79465103	6.79465103 ± 0.04	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	65.2026672	65.2026672 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	46296	46296 ± 2	-
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	9393	9393 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	71426560	71426560	_
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	71426560	71426560	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32			-
	0.000113070011	$0.000113090937 \pm 1.25663627181805 \vdash -06$	
	0.000113070011 0.000314116478	0.000113090937 ± 1.25663627181805E-06 0.00031410993 ± 1.25663627181805E-06	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000113090937 ± 1.25663627181805E-06 0.00031410993 ± 1.25663627181805E-06 0.000575374172 ± 1.25663627181805E-06	~
		0.00031410993 ± 1.25663627181805E-06 0.000575374172 ± 1.25663627181805E-06	· ·
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000314116478 0.000575363636	0.00031410993 ± 1.25663627181805E-06	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•





Test Step 2.96 (Repeat Count = 1)			V	
Name	Input Value			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime			
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_	_GetNTCActive_NTCActive_Ptr_T_lgc		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2			
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	58.6891289			
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0250000004			
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0250000004			
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	57.2952843			
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	2.56739569			
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	11.313797			
k_AutoCntrHiSpdTimer1_mS_u16	20825			
k_AutoCntrHiSpdTimer2_mS_u16	12456			
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	91.4300919			
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32 k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	459.889984 18.1788235			
k AutoCntrHiSpdTimer4VehSpd kph f32	195.647476			
k AutoCntrHiSpdTimer4 mS u16	47347			
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	45.5890503			
k AutoCntrLoSpdFilt1Kn Hz f32	0.0250000004			
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0670000017			
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	195.074249			
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	15.5773945			
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	208.55397			
k AutoCntrLoSpdTimer1 mS u16	19617			
k AutoCntrLoSpdTimer2 mS u16	42138			
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0250000004			
k_SLPEnableBFCheck_Cnt_lgc	1			
k_SLPHwAuthority_UIs_f32	0.45660001			
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	-233.128998			
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	0			
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1			
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset			
tgt_GetSystemTime_mS_u32_CurrentTime	0			
Name	Actual Value	Form a set of Malion	1	
HAMILY	Actual value	Expected Value	Result	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	459.889984	459.889984 ± 0.2	Result	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32		•	•	
	459.889984	459.889984 ± 0.2	~	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	459.889984 195.647476	459.889984 ± 0.2 195.647476 ± 0.5	•	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	459.889984 195.647476 18.1788235	459.889984 ± 0.2 195.647476 ± 0.5 18.1788235 ± 0.04		
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	459.889984 195.647476 18.1788235 91.4300919	459.889984 ± 0.2 195.647476 ± 0.5 18.1788235 ± 0.04 91.4300919 ± 0.0625		
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	459.889984 195.647476 18.1788235 91.4300919 20825	459.889984 ± 0.2 195.647476 ± 0.5 18.1788235 ± 0.04 91.4300919 ± 0.0625 20825 ± 2	0	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	459.889984 195.647476 18.1788235 91.4300919 20825 47347	459.889984 ± 0.2 195.647476 ± 0.5 18.1788235 ± 0.04 91.4300919 ± 0.0625 20825 ± 2 47347 ± 2	0	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	459.889984 195.647476 18.1788235 91.4300919 20825 47347	459.889984 ± 0.2 195.647476 ± 0.5 18.1788235 ± 0.04 91.4300919 ± 0.0625 20825 ± 2 47347 ± 2		
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	459.889984 195.647476 18.1788235 91.4300919 20825 47347 0	459.889984 ± 0.2 195.647476 ± 0.5 18.1788235 ± 0.04 91.4300919 ± 0.0625 20825 ± 2 47347 ± 2 0		
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	459.889984 195.647476 18.1788235 91.4300919 20825 47347 0 0	459.889984 ± 0.2 195.647476 ± 0.5 18.1788235 ± 0.04 91.4300919 ± 0.0625 20825 ± 2 47347 ± 2 0 0 0.00031410993 ± 1.25663627181805E-06		
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	459.889984 195.647476 18.1788235 91.4300919 20825 47347 0 0 0.000314116478 0.000841617584	459.889984 ± 0.2 195.647476 ± 0.5 18.1788235 ± 0.04 91.4300919 ± 0.0625 20825 ± 2 47347 ± 2 0 0 0.00031410993 ± 1.25663627181805E-06 0.000841592497 ± 1.25663627181805E-06	0	
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VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	459.889984 195.647476 18.1788235 91.4300919 20825 47347 0 0 0.000314116478 0.000841617584 57.2952843 11.313797 2.56739569 58.6891289 20825	$459.889984 \pm 0.2$ $195.647476 \pm 0.5$ $18.1788235 \pm 0.04$ $91.4300919 \pm 0.0625$ $20825 \pm 2$ $47347 \pm 2$ $0$ $0.00031410993 \pm 1.25663627181805E-06$ $0.000841592497 \pm 1.25663627181805E-06$ $57.2952843 \pm 0.2$ $11.313797 \pm 0.5$ $2.56739569 \pm 0.04$ $58.6891289 \pm 0.0625$ $20825 \pm 2$	0	
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VehDyn_AutoCntrDetSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.SitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	459.889984  195.647476  18.1788235  91.4300919  20825  47347  0  0  0.000314116478  0.000841617584  57.2952843  11.313797  2.56739569  58.6891289  20825  12456  0  0  0.000314116478  0.000314116478  195.074249	459.889984 ± 0.2 195.647476 ± 0.5 18.1788235 ± 0.04 91.4300919 ± 0.0625 20825 ± 2 47347 ± 2 0 0.00031410993 ± 1.25663627181805E-06 0.000841592497 ± 1.25663627181805E-06 57.2952843 ± 0.2 11.313797 ± 0.5 2.56739569 ± 0.04 58.6891289 ± 0.0625 20825 ± 2 12456 ± 2 0 0 0.00031410993 ± 1.25663627181805E-06		
VehDyn_AutoCntrDetSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.NetFyle_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHospd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NetPosPd_kph_f32	459.889984  195.647476  18.1788235  91.4300919  20825  47347  0  0  0.000314116478  0.000841617584  57.2952843  11.313797  2.56739569  58.6891289  20825  12456  0  0  0.000314116478  0.000314116478  195.074249  208.55397	459.889984 ± 0.2  195.647476 ± 0.5  18.1788235 ± 0.04  91.4300919 ± 0.0625  20825 ± 2  47347 ± 2  0  0.00031410993 ± 1.25663627181805E-06  0.000841592497 ± 1.25663627181805E-06  57.2952843 ± 0.2  11.313797 ± 0.5  2.56739569 ± 0.04  58.6891289 ± 0.0625  20825 ± 2  12456 ± 2  0  0  0.00031410993 ± 1.25663627181805E-06  0.00031410993 ± 1.25663627181805E-06		
VehDyn_AutoCntrDetSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.NetVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NetVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	459.889984 195.647476 18.1788235 91.4300919 20825 47347 0 0 0.000314116478 0.000841617584 57.2952843 11.313797 2.56739569 58.6891289 20825 12456 0 0 0.000314116478 0.000314116478 195.074249 208.55397 15.5773945	459.889984 ± 0.2  195.647476 ± 0.5  18.1788235 ± 0.04  91.4300919 ± 0.0625  20825 ± 2  47347 ± 2  0  0.00031410993 ± 1.25663627181805E-06  57.2952843 ± 0.2  11.313797 ± 0.5  2.56739569 ± 0.04  58.6891289 ± 0.0625  20825 ± 2  12456 ± 2  0  0  0.00031410993 ± 1.25663627181805E-06  0.00031410993 ± 1.25663627181805E-06  195.074249 ± 0.2  208.55397 ± 0.5  15.5773945 ± 0.04		
VehDyn_AutoCntrDetSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	459.889984  195.647476  18.1788235  91.4300919  20825  47347  0  0  0.000314116478  0.000841617584  57.2952843  11.313797  2.56739569  58.6891289  20825  12456  0  0  0.000314116478  0.000314116478  195.074249  208.55397  15.5773945  45.5890503	459.889984 ± 0.2  195.647476 ± 0.5  18.1788235 ± 0.04  91.4300919 ± 0.0625  20825 ± 2  47347 ± 2  0  0.00031410993 ± 1.25663627181805E-06  0.000841592497 ± 1.25663627181805E-06  57.2952843 ± 0.2  11.313797 ± 0.5  2.56739569 ± 0.04  58.6891289 ± 0.0625  20825 ± 2  12456 ± 2  0  0  0.00031410993 ± 1.25663627181805E-06  0.00031410993 ± 1.25663627181805E-06  195.074249 ± 0.2  208.55397 ± 0.5  15.5773945 ± 0.04  45.5890503 ± 0.0625		
VehDyn_AutoCntrDetSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	459.889984  195.647476  18.1788235  91.4300919  20825  47347  0  0  0.000314116478  0.000841617584  57.2952843  11.313797  2.56739569  58.6891289  20825  12456  0  0  0.000314116478  0.000314116478  195.074249  208.55397  15.5773945  45.5890503  19617	459.889984 ± 0.2  195.647476 ± 0.5  18.1788235 ± 0.04  91.4300919 ± 0.0625  20825 ± 2  47347 ± 2  0  0.00031410993 ± 1.25663627181805E-06  0.000841592497 ± 1.25663627181805E-06  57.2952843 ± 0.2  11.313797 ± 0.5  2.56739569 ± 0.04  58.6891289 ± 0.0625  20825 ± 2  12456 ± 2  0  0  0.00031410993 ± 1.25663627181805E-06  0.00031410993 ± 1.25663627181805E-06  195.074249 ± 0.2  208.55397 ± 0.5  15.5773945 ± 0.04  45.5890503 ± 0.0625  19617 ± 2		
VehDyn_AutoCntrDetSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	459.889984  195.647476  18.1788235  91.4300919  20825  47347  0  0  0.000314116478  0.000841617584  57.2952843  11.313797  2.56739569  58.6891289  20825  12456  0  0  0.000314116478  0.000314116478  195.074249  208.55397  15.5773945  45.5890503	459.889984 ± 0.2  195.647476 ± 0.5  18.1788235 ± 0.04  91.4300919 ± 0.0625  20825 ± 2  47347 ± 2  0  0.00031410993 ± 1.25663627181805E-06  0.000841592497 ± 1.25663627181805E-06  57.2952843 ± 0.2  11.313797 ± 0.5  2.56739569 ± 0.04  58.6891289 ± 0.0625  20825 ± 2  12456 ± 2  0  0  0.00031410993 ± 1.25663627181805E-06  0.00031410993 ± 1.25663627181805E-06  195.074249 ± 0.2  208.55397 ± 0.5  15.5773945 ± 0.04  45.5890503 ± 0.0625		
VehDyn_AutoCntrDetSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	459.889984  195.647476  18.1788235  91.4300919  20825  47347  0  0  0.000314116478  0.000841617584  57.2952843  11.313797  2.56739569  58.6891289  20825  12456  0  0  0.000314116478  0.000314116478  195.074249  208.55397  15.5773945  45.5890503  19617  42138  0	459.889984 ± 0.2  195.647476 ± 0.5  18.1788235 ± 0.04  91.4300919 ± 0.0625  20825 ± 2  47347 ± 2  0  0  0.00031410993 ± 1.25663627181805E-06  0.000841592497 ± 1.25663627181805E-06  57.2952843 ± 0.2  11.313797 ± 0.5  2.56739569 ± 0.04  58.6891289 ± 0.0625  20825 ± 2  12456 ± 2  0  0  0.00031410993 ± 1.25663627181805E-06  0.00031410993 ± 1.25663627181805E-06  195.074249 ± 0.2  208.55397 ± 0.5  15.5773945 ± 0.04  45.5890503 ± 0.0625  19617 ± 2  42138 ± 2  0		
VehDyn_AutoCntrDetSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	459.889984  195.647476  18.1788235  91.4300919  20825  47347  0  0  0.000314116478  0.000841617584  57.2952843  11.313797  2.56739569  58.6891289  20825  12456  0  0  0.000314116478  0.000314116478  195.074249  208.55397  15.5773945  45.5890503  19617  42138	459.889984 ± 0.2  195.647476 ± 0.5  18.1788235 ± 0.04  91.4300919 ± 0.0625  20825 ± 2  47347 ± 2  0  0.00031410993 ± 1.25663627181805E-06  0.000841592497 ± 1.25663627181805E-06  57.2952843 ± 0.2  11.313797 ± 0.5  2.56739569 ± 0.04  58.6891289 ± 0.0625  20825 ± 2  12456 ± 2  0  0  0.00031410993 ± 1.25663627181805E-06  0.00031410993 ± 1.25663627181805E-06  195.074249 ± 0.2  208.55397 ± 0.5  15.5773945 ± 0.04  45.5890503 ± 0.0625  19617 ± 2  42138 ± 2		
VehDyn_AutoCntrDetSpd_M_str.WthSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.WthVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1_hresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.NitrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.NitrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.NitrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.NitrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.NitrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.NitrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1_hwNm_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	459.889984  195.647476  18.1788235  91.4300919  20825  47347  0  0  0.000314116478  0.000841617584  57.2952843  11.313797  2.56739569  58.6891289  20825  12456  0  0  0.000314116478  0.000314116478  195.074249  208.55397  15.5773945  45.5890503  19617  42138  0	459.889984 ± 0.2  195.647476 ± 0.5  18.1788235 ± 0.04  91.4300919 ± 0.0625  20825 ± 2  47347 ± 2  0  0  0.00031410993 ± 1.25663627181805E-06  0.000841592497 ± 1.25663627181805E-06  57.2952843 ± 0.2  11.313797 ± 0.5  2.56739569 ± 0.04  58.6891289 ± 0.0625  20825 ± 2  12456 ± 2  0  0  0.00031410993 ± 1.25663627181805E-06  0.00031410993 ± 1.25663627181805E-06  195.074249 ± 0.2  208.55397 ± 0.5  15.5773945 ± 0.04  45.5890503 ± 0.0625  19617 ± 2  42138 ± 2  0		
VehDyn_AutoCntrDetSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1_Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2_Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2_Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2_Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2_Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2_Thresh_mS_u32	459.889984  195.647476  18.1788235  91.4300919  20825  47347  0  0  0.000314116478  0.000841617584  57.2952843  11.313797  2.56739569  58.6891289  20825  12456  0  0  0.000314116478  0.000314116478  195.074249  208.555397  15.5773945  45.5890503  19617  42138  0  0	459.889984 ± 0.2  195.647476 ± 0.5  18.1788235 ± 0.04  91.4300919 ± 0.0625  20825 ± 2  47347 ± 2  0  0  0.00031410993 ± 1.25663627181805E-06  0.000841592497 ± 1.25663627181805E-06  57.2952843 ± 0.2  11.313797 ± 0.5  2.56739569 ± 0.04  58.6891289 ± 0.0625  20825 ± 2  12456 ± 2  0  0  0.00031410993 ± 1.25663627181805E-06  0.00031410993 ± 1.25663627181805E-06  195.074249 ± 0.2  208.55397 ± 0.5  15.5773945 ± 0.04  45.5890503 ± 0.0625  19617 ± 2  42138 ± 2  0  0		
VehDyn_AutoCntrDetSpd_M_str.WthSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.WthVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1_hresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.NitrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.NitrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.NitrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.NitrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.NitrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.NitrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1_hwNm_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	459.889984  195.647476  18.1788235  91.4300919  20825  47347  0  0  0.000314116478  0.000841617584  57.2952843  11.313797  2.56739569  58.6891289  20825  12456  0  0  0.000314116478  195.074249  208.55397  15.5773945  45.5890503  19617  42138  0  0  0.000314116478	459.889984 ± 0.2  195.647476 ± 0.5  18.1788235 ± 0.04  91.4300919 ± 0.0625  20825 ± 2  47347 ± 2  0  0.00031410993 ± 1.25663627181805E-06  0.00031410993 ± 1.25663627181805E-06  0.00031410993 ± 1.25663627181805E-06  0.00031410993 ± 1.25663627181805E-06  195.074249 ± 0.2  208.55397 ± 0.5  15.5773945 ± 0.04  45.5890503 ± 0.0625  19617 ± 2  42138 ± 2  0  0  0.00031410993 ± 1.25663627181805E-06  0.00031410993 ± 1.25663627181805E-06	Result	
VehDyn_AutoCntrDetSpd_M_str.WtrVel_MtrRadpS_f32  VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32  VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.NitrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.NitrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.NitrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32  VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32	459.889984  195.647476  18.1788235  91.4300919  20825  47347  0  0  0.000314116478  0.000841617584  57.2952843  11.313797  2.56739569  58.6891289  20825  12456  0  0  0.000314116478  195.074249  208.55397  15.5773945  45.5890503  19617  42138  0  0  0.000314116478  0.000314116478	459.889984 ± 0.2  195.647476 ± 0.5  18.1788235 ± 0.04  91.4300919 ± 0.0625  20825 ± 2  47347 ± 2  0  0  0.00031410993 ± 1.25663627181805E-06  57.2952843 ± 0.2  11.313797 ± 0.5  2.56739569 ± 0.04  58.6891289 ± 0.0625  20825 ± 2  12456 ± 2  0  0  0.00031410993 ± 1.25663627181805E-06  0.00031410993 ± 1.25663627181805E-06  195.074249 ± 0.2  208.55397 ± 0.5  15.5773945 ± 0.04  45.5890503 ± 0.0625  19617 ± 2  42138 ± 2  0  0  0.00031410993 ± 1.25663627181805E-06  0.00031410993 ± 1.25663627181805E-06		



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>

Test Step 2.97 (Repeat Count = 1) Name	Input Value		
	•	ontTimo	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Curre		
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)		iagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2 39.9920425		
<_AutoCntrHiSpdCntrWindow_HwDeg_f32	0.000199999995		
k_AutoCntrHiSpdFilt1Kn_Hz_f32			
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0350000001		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	595.803711 20		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32 k_AutoCntrHiSpdTimer1VehSpd_kph_f32	249.256897		
	51762		
<_AutoCntrHiSpdTimer1_mS_u16			
k_AutoCntrHiSpdTimer2_mS_u16	1234 52.9036674		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	637.189331		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	4.48333788		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32			
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	60.9433594		
k_AutoCntrHiSpdTimer4_mS_u16	35091		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	70.5879364		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.063000001		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00600000005		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	112.469505		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	9.19094181		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	138.473877		
k_AutoCntrLoSpdTimer1_mS_u16	45601		
k_AutoCntrLoSpdTimer2_mS_u16	16090		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0250000004		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.463200003		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-257.161987		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	4294967295		
Name	Actual Value	Expected Value	Resu
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	637.189331	637.189331 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	60.9433594	60.9433594 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.48333788	4.48333788 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.9036674	52.9036674 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	51762	51762 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	35091	35091 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4294967295	4294967295	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295	4294967295	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53953791e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	595.803711	595.803711 ± 0.2	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	249.256897	249.256897 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	39.9920425	39.9920425 ± 0.0625	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	51762	51762 ± 2	
VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	1234	1234 ± 2	
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	4294967295	4294967295	
	4294967295	4294967295	
· - ·		2 512271060 006 + 1 256626271010055 06	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2.50339508e-006	2.51327106e-006 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32		0.000439726253 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.50339508e-006		
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	2.50339508e-006 0.000439703465	0.000439726253 ± 1.25663627181805E-06 112.469505 ± 0.2	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	2.50339508e-006 0.000439703465 112.469505 138.473877	0.000439726253 ± 1.25663627181805E-06 112.469505 ± 0.2 138.473877 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.50339508e-006 0.000439703465 112.469505 138.473877 9.19094181	0.000439726253 ± 1.25663627181805E-06 112.469505 ± 0.2 138.473877 ± 0.5 9.19094181 ± 0.04	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	2.50339508e-006 0.000439703465 112.469505 138.473877 9.19094181 70.5879364	0.000439726253 ± 1.25663627181805E-06 112.469505 ± 0.2 138.473877 ± 0.5 9.19094181 ± 0.04 70.5879364 ± 0.0625	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	2.50339508e-006 0.000439703465 112.469505 138.473877 9.19094181 70.5879364 45601	0.000439726253 ± 1.25663627181805E-06 112.469505 ± 0.2 138.473877 ± 0.5 9.19094181 ± 0.04 70.5879364 ± 0.0625 45601 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	2.50339508e-006 0.000439703465 112.469505 138.473877 9.19094181 70.5879364 45601 16090	0.000439726253 ± 1.25663627181805E-06 112.469505 ± 0.2 138.473877 ± 0.5 9.19094181 ± 0.04 70.5879364 ± 0.0625 45601 ± 2 16090 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2.50339508e-006 0.000439703465 112.469505 138.473877 9.19094181 70.5879364 45601 16090 4294967295	0.000439726253 ± 1.25663627181805E-06 112.469505 ± 0.2 138.473877 ± 0.5 9.19094181 ± 0.04 70.5879364 ± 0.0625 45601 ± 2 16090 ± 2 4294967295	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32  VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32  VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32  VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32  VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32  VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32  VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2.50339508e-006 0.000439703465 112.469505 138.473877 9.19094181 70.5879364 45601 16090	0.000439726253 ± 1.25663627181805E-06 112.469505 ± 0.2 138.473877 ± 0.5 9.19094181 ± 0.04 70.5879364 ± 0.0625 45601 ± 2 16090 ± 2	





Name	Actual Value	Expected Value	Result	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000314116478	0.00031410993 ± 1.25663627181805E-06	~	
VehDyn_SLPHwAuth_Uls_M_f32	0.463200003	0.463200003	~	
VehDyn SLPHwPos HwDeg M f32	-257.161987	-257.161987	<b>✓</b>	

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~	
GetSystemTime mS u32	1	GetSystemTime mS u32	1	<b>✓</b>	

Test Step 2.98 (Repeat Count = 1)				
Name	Input Value			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Currer			
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)		ngMgr_GetNTCActive_NTCActive_Ptr_T_lgc		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2			
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	40.3496017			
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.100000001			
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0560000017			
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	31.3933392			
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	16.8332462			
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	3.91197205			
k_AutoCntrHiSpdTimer1_mS_u16	49799			
k_AutoCntrHiSpdTimer2_mS_u16	1568			
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	46.9611549			
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	190.477554			
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	6.47036648			
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	178.790085			
k_AutoCntrHiSpdTimer4_mS_u16	53632			
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	50.4249611			
x_AutoCntrLoSpdFilt1Kn_Hz_f32	0.061999999			
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00779999979			
<_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	114.137932			
_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	1.6375922			
<_AutoCntrLoSpdTimer1VehSpd_kph_f32	109.448532			
<_AutoCntrLoSpdTimer1_mS_u16	37638			
_AutoCntrLoSpdTimer2_mS_u16	34521			
<pre>c_AutoCntrPinTrqLPFCoeffKn_Hz_f32</pre>	0.00499999989			
_SLPEnableBFCheck_Cnt_lgc	1			
k_SLPHwAuthority_Uls_f32	0.469799995			
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-281.195007			
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0			
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1			
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset			
tgt_GetSystemTime_mS_u32_CurrentTime	1720406272			
Name	Actual Value	Expected Value	Resu	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	190.477554	190.477554 ± 0.2		
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	178.790085	178.790085 ± 0.5		
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.47036648	6.47036648 ± 0.04		
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	46.9611549	46.9611549 ± 0.0625		
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	49799	49799 ± 2		
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	53632	53632 ± 2		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1720406272	1720406272		
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1720406272	1720406272		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000778794289	0.000778811518 ± 1.25663627181805E-06		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.80128898e-005 ± 1.25663627181805E-06		
VehDyn_AutoChtrHiSpd_M_str.MtrVel_MtrRadpS_f32	31.3933392	31.3933392 ± 0.2		
VenDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	3.91197205	3.91197205 ± 0.5		
, = , = = , =, =				
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.8332462	16.8332462 ± 0.04		
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	40.3496017	40.3496017 ± 0.0625		
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	49799	49799 ± 2		
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	1568	1568 ± 2		
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1720406272	1720406272		
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1720406272	1720406272		
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584786 ± 1.25663627181805E-06		
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000703454018	0.00070346921 ± 1.25663627181805E-06		
	114.137932	114.137932 ± 0.2		
	400 440500	109.448532 ± 0.5		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	109.448532			
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1.6375922	1.63759208 ± 0.04		
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32				
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1.6375922	1.63759208 ± 0.04		





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1720406272	1720406272	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1720406272	1720406272	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000778794289	0.000778811518 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.80128898e-005 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0	0	<b>✓</b>
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	•

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>	

Test Step 2.99 (Repeat Count = 1) Name	Input Value			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime			
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc			
	target Rte Inst Ap VehDyn 2			
Rte_Inst_Ap_VehDyn	24.5077915			
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	0.0225000009			
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.049999989			
k_AutoCntrHiSpdFilt2Kn_Hz_f32				
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	416.42218			
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.68037319			
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	168.185226 30272			
k_AutoCntrHiSpdTimer1_mS_u16				
k_AutoCntrHiSpdTimer2_mS_u16	2904			
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	51.7886963			
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	272.816681			
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	13.0401011			
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	209.062363			
k_AutoCntrHiSpdTimer4_mS_u16	3628			
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	59.735672			
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.063000001			
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0049999989			
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	499.624054			
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	6.55805016			
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	125.396591			
k_AutoCntrLoSpdTimer1_mS_u16	36412			
k_AutoCntrLoSpdTimer2_mS_u16	14998			
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0225000009			
k_SLPEnableBFCheck_Cnt_lgc	1			
k_SLPHwAuthority_Uls_f32	0.496199995			
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-377.326996			
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1			
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0			
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset			
tgt_GetSystemTime_mS_u32_CurrentTime	1662097408			
Name	Actual Value Expected Value	Resu		
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	272.816681 ± 0.2			
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	209.062363 ± 0.5			
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	13.0401011			
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	51.7886963 51.7886963 ± 0.0625			
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	30272 ± 2			
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3628 ± 2			
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1662097408 1662097408			
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1662097408 1662097408			
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869 0.000791368075 ± 1.25663627181805E-06			
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-06	;		
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	416.42218 ± 0.2			
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	168.185226 ± 0.5			
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.68037319 8.68037319 ± 0.04			
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	24.5077915 ± 0.0625			
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	30272 ± 2			
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	2904 ± 2			
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1662097408 1662097408			
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1662097408 1662097408			
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00028270483			
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	6.28232956e-005 6.28298803e-005 ± 1.25663627181805E-06			
, _ ,	499.624054 499.624054 ± 0.2			
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32				





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.55805016	6.55805016 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	59.735672	59.735672 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	36412	36412 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14998	14998 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1662097408	1662097408	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1662097408	1662097408	<b>✓</b>
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	<b>✓</b>
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00028270483	0.000282703375 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.496199995	0.496199995	~
VehDyn_SLPHwPos_HwDeg_M_f32	-377.326996	-377.326996	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>✓</b>	

Test Step 2.100 (Repeat Count = 1)		
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	91.3826141	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.063000001	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0491000004	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	683.818359	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	0.0764636993	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	34.4863586	
k_AutoCntrHiSpdTimer1_mS_u16	23210	
k_AutoCntrHiSpdTimer2_mS_u16	3238	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	75.1060562	
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	108.829964	
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	7.80758381	
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	169.04245	
k_AutoCntrHiSpdTimer4_mS_u16	7187	
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	53.7309608	
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0320999995	
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00899999961	
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	228.670547	
k AutoCntrLoSpdTimer1PinTrg HwNm f32	16.7742443	
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	174.289764	
k_AutoCntrLoSpdTimer1_mS_u16	11413	
k_AutoCntrLoSpdTimer2_mS_u16	48604	
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.063000001	
k SLPEnableBFCheck Cnt lgc	0	
k SLPHwAuthority Uls f32	0.502799988	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-401.359985	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	1	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
tgt_GetSystemTime_mS_u32_CurrentTime	2127166208	
		ln
Name	Actual Value Expected Value	Resu
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	108.829964 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	169.04245 169.04245 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	7.80758381	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.1060562 75.1060562 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	23210 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	7187 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2127166208 2127166208	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2127166208 2127166208	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027 0.000403299142 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011 0.000113090937 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	683.818359 683.818359 ± 0.2	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	34.4863586 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0.0764636993	
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	91.3826141 91.3826141 ± 0.0625	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	23210 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3238 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2127166208 2127166208	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2127166208 2127166208	

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000616788864	0.000616818492 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	228.670547	228.670547 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	174.289764	174.289764 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.7742443	16.7742443 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	53.7309608	53.7309608 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	11413	11413 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	48604	48604 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2127166208	2127166208	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2127166208	2127166208	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403299142 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113090937 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000791370869	0.000791368075 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.502799988	0.502799988	~
VehDyn_SLPHwPos_HwDeg_M_f32	-401.359985	-401.359985	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

### Test Case 3: Path Test

Specification

Performance Metrics: (With "None" Instrumentation and "WithPS" Environment)

CPU Cycles: TS3.1 3945.00 Cycles TS3.2 3974.00 Cycles TS3.3 3945.00 Cycles

Description

Vector Description:

 $\label{total continuous} TS 3.1(((Rte\_Pim\_MotPosReset()->NVMStoredLastPosValid\_Cnt\_lgc) == TRUE) \&\& (((FaultBFActive\_Cnt\_T\_lgc \& k\_SLPEnableBFCheck\_Cnt\_lgc) == FALSE)))=False \\ TS 3.2(((Rte\_Pim\_MotPosReset()->NVMStoredLastPosValid\_Cnt\_lgc) == TRUE) && (((FaultBFActive\_Cnt\_T\_lgc \& k\_SLPEnableBFCheck\_Cnt\_lgc) == FALSE)))=False \\ TS 3.3(((Rte\_Pim\_MotPosReset()->NVMStoredLastPosValid\_Cnt\_lgc) == TRUE) && (((FaultBFActive\_Cnt\_T\_lgc \& k\_SLPEnableBFCheck\_Cnt\_lgc) == FALSE)))=True \\ \end{cases}$ 

Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	0
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.000199999995
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.000199999995
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	0
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	0
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	0
k_AutoCntrHiSpdTimer1_mS_u16	0
k AutoCntrHiSpdTimer2 mS u16	0
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	0
<_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	0
<_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	0
<pre>&lt;_AutoCntrHiSpdTimer4VehSpd_kph_f32</pre>	0
AutoCntrHiSpdTimer4 mS u16	0
<ul> <li>AutoCntrLoSpdCntrWindow HwDeg f32</li> </ul>	0
x_AutoCntrLoSpdFilt1Kn_Hz_f32	0.000199999995
AutoCntrLoSpdFilt2Kn Hz f32	0.000199999995
AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	0
x_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	0
AutoCntrLoSpdTimer1VehSpd_kph_f32	0
<ul> <li>AutoCntrLoSpdTimer1 mS u16</li> </ul>	0
AutoCntrLoSpdTimer2 mS u16	0
AutoCntrPinTrqLPFCoeffKn Hz f32	0.000199999995
<pre>CSLPEnableBFCheck_Cnt_lgc</pre>	0
CSLPHwAuthority_Uls_f32	0
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-1600
arget_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0
arget_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lg	gc 0
target Rte Inst Ap VehDyn 2.Pim MotPosReset	target Pim MotPosReset





Name	Input Value		
tgt_GetSystemTime_mS_u32_CurrentTime	0		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	0	0 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	0	0 ± 0.5	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0	0 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	0	0 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	0	0 ± 2	-
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0	0 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0	0	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0	0	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.50339508e-006	2.51327106e-006 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.50339508e-006	2.51327106e-006 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	0	0 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	0	0 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0	0 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	0	0 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	0	0 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	0	0 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0	0	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0	0	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.50339508e-006	2.51327106e-006 ± 1.25663627181805E-06	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.50339508e-006	2.51327106e-006 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	0	0 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0	0 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	0	0 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	0	0 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0	0 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	0	0 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0	0	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.50339508e-006	2.51327106e-006 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.50339508e-006	2.51327106e-006 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.50339508e-006	2.51327106e-006 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn SLPHwPos HwDeg M f32	0	0	•

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	<b>~</b>

Test Step 3.2 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	100
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.100000001
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.100000001
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	700
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	20
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	255
k_AutoCntrHiSpdTimer1_mS_u16	60000
k_AutoCntrHiSpdTimer2_mS_u16	60000
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	100
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	700
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	20
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	255
k_AutoCntrHiSpdTimer4_mS_u16	60000
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	100
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.100000001
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.100000001
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	700
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	20
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	255
k_AutoCntrLoSpdTimer1_mS_u16	60000
k_AutoCntrLoSpdTimer2_mS_u16	60000
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.100000001
k_SLPEnableBFCheck_Cnt_lgc	1
k_SLPHwAuthority_Uls_f32	1





Name	Input Value		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1600		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	: 1		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	4294967295		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	700	700 ± 0.2	-
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	255	255 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	-
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	100	100 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	60000	60000 ± 2	-
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	60000	60000 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4294967295	4294967295	-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295	4294967295	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584786 ± 1.25663627181805E-06	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584786 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	700	700 ± 0.2	-
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	255	255 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	-
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	100	100 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	60000	60000 ± 2	-
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	60000	60000 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4294967295	4294967295	-
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4294967295	4294967295	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584786 ± 1.25663627181805E-06	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584786 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	700	700 ± 0.2	-
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	255	255 ± 0.5	-
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	-
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	100	100 ± 0.0625	-
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	60000	60000 ± 2	-
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	60000	60000 ± 2	·
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4294967295	4294967295	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295	4294967295	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584786 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584786 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00125586987	0.00125584786 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0	0	-
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	-

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime mS u32	1	GetSystemTime mS u32	1	<b>✓</b>

Test Step 3.3 (Repeat Count = 1)	✓
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive(NTCActive_Ptr_T_lgc)	target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	16.8675175
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0049999989
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00779999979
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	511.249969
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	2.49991417
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	119.398392
k_AutoCntrHiSpdTimer1_mS_u16	19956
k_AutoCntrHiSpdTimer2_mS_u16	1111
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	47.1357269
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	577.715271
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	18.6059322
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	69.9332428
k_AutoCntrHiSpdTimer4_mS_u16	47307
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	97.2305069
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0350000001
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0649999976
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	0
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	16.4742603
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	113.628799
k_AutoCntrLoSpdTimer1_mS_u16	49475

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VehDyn\_Init1

Name	Input Value		
k_AutoCntrLoSpdTimer2_mS_u16	38708		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.00120000006		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1425.14795		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive_NTCActive_Ptr_T_lgc	0		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
tgt_GetSystemTime_mS_u32_CurrentTime	1720406272		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	577.715271	577.715271 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	69.9332428	69.9332428 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.6059322	18.6059322 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	47.1357269	47.1357269 ± 0.0625	~
VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	19956	19956 ± 2	~
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	47307	47307 ± 2	<b>✓</b>
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	1720406272	1720406272	~
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	1720406272	1720406272	<b>✓</b>
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439726253 ± 1.25663627181805E-06	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000816464424	0.000816480606 ± 1.25663627181805E-06	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	511.249969	511.249969 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	119.398392	119.398392 ± 0.5	<b>✓</b>
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.49991417	2.49991417 ± 0.04	-
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	16.8675175	16.8675175 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	19956	19956 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	1111	1111 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1720406272	1720406272	-
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1720406272	1720406272	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.80128898e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	0	0 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	113.628799	113.628799 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.4742603	16.4742603 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	97.2305069	97.2305069 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	49475	49475 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	38708	38708 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1720406272	1720406272	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1720406272	1720406272	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439726253 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000816464424	0.000816480606 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.28298803e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.00120000006	0.00120000006	~
VehDyn_SLPHwPos_HwDeg_M_f32	1425.14795	1425.14795	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	Rte_Call_Ap_VehDyn_NxtrDiagMgr_GetNTCActive	1	~
GetSystemTime mS u32	1	GetSystemTime mS µ32	1	-